HYUNDAI

SECURITY

PRODUCT GUIDE 2024

HYUNDAI
SECURITY

CCTV AND ACCESS CONTROL SOLUTIONS

HYUNDAI CORPORATION is one of the most important business groups in Korea and a benchmark in the digital era of the 21st century, offering multiple commercial and international distribution services for a wide range of highly prestigious products, including steel, heavy machinery, shfps, automobiles, and electric equipment.

HYUNDAI CORPORATION is leading the electronic security market by developing and manufacturing CCTV, video intercom and access control.

The best cameras and recorders in the world are combined with other systems to offer a unique and powerful management platform, which improves the experience for all types of users (end customer, installers and ARCs) to a new level and through the "HYU-CONNECT" Software / App.

Its commitment to excellence has a hallmark under the name HYUNDAI NEXTGEN.

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FULL
INTEGRATION

HYU-VMS is an Android-based mobile surveillance application for mobile phones, which supports the complete line of surveillance products, including recorders, video servers, as well as IP cameras or motorised domes.

On the other hand, HYU-CONNECT is designed to work with HYUNDAI DVRs, NVRs and IP cameras that support the Cloud P2P function, allowing you to view your cameras remotely.

IP CAMERAS

NVR IP

ZVR 5 IN 1

VIDEO DOOR

HYUVMS

HYUCONNECT

ANALOGUE
CAMERAS

ACCESS CONTROL

4IN1
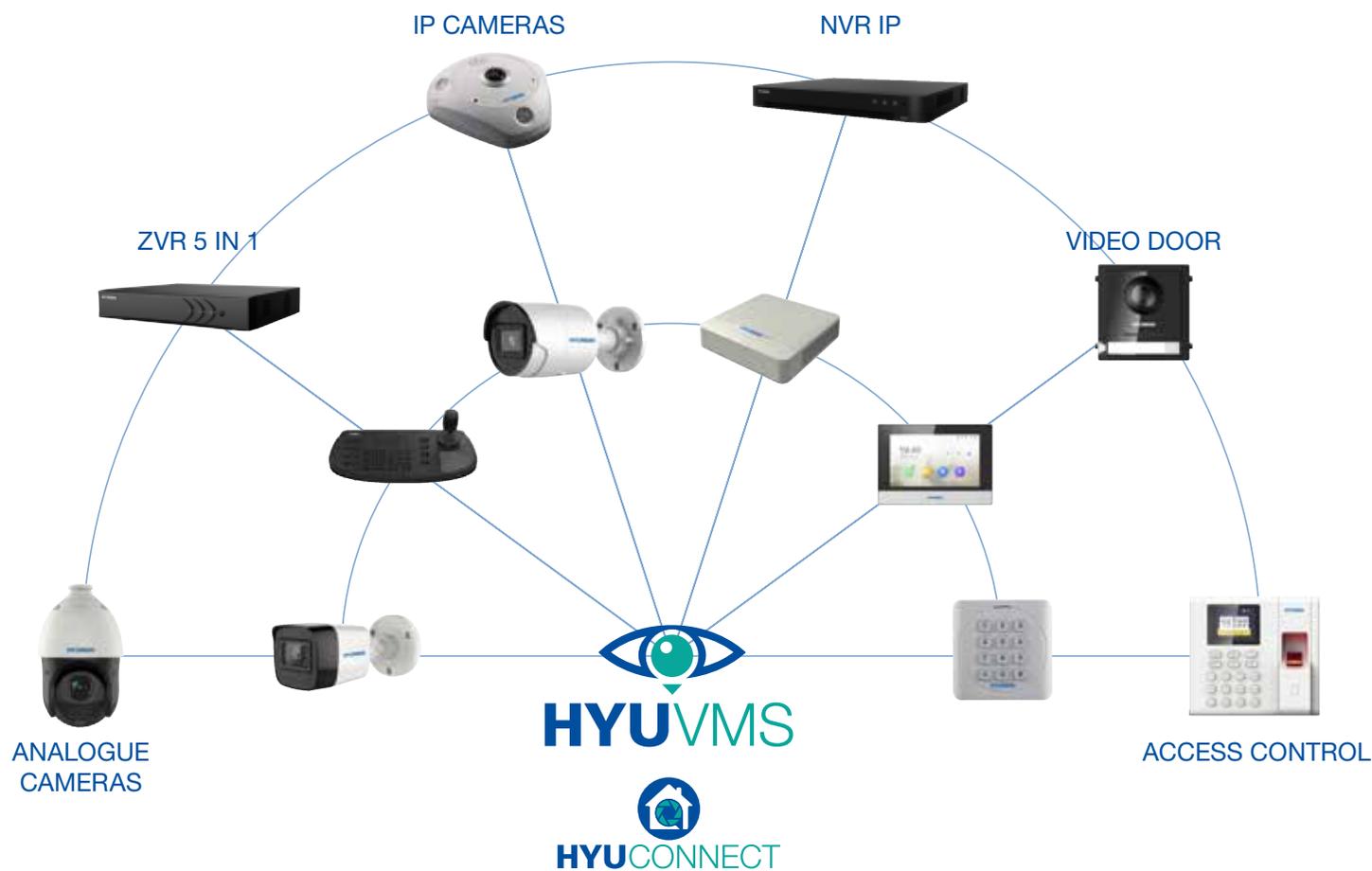
HDCVI™ HDTVI AHD CVBS

ANALOGUE SERIES

Analogue security products have been popular with installers and customers for many years. The architecture of analogue solutions is much simpler, making it easier to configure and maintain, and for the same security needs, an analogue solution is often more cost-effective than an IP solution.

Since their launch, HYUNDAI's HD analogue products have been widely applauded for their incredible capabilities. The 4-in-1 line transforms analogue CCTV video into high-quality, high-definition surveillance.

ANALOGUE HD CAMERAS

	ANALOGUE SERIES				
	HYU-698	**HYU-1035** ColorView	**HYU-761**	**HYU-673**	**HYU-569N**
Image sensor	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	5MP CMOS
Maximum resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	5MP (2560 x 1944)
Frames per second	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	20 fps at 5MP 25/30 fps at 4MP/1080P
Video output	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	HDTVI
Lens	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm
F.O.V.	-	98°(H), 51°(V)	101°(H), 60°(V)	106°(H)	85°(H), 63°(V)
Day/Night	ICR filter	Colour 24/7	ICR filter	ICR filter	ICR filter
Minimum illumination	0.01 Lux F1.2 (colour)	0.001 Lux F1.0	0.01 Lux F1.2 (colour)	0.005 Lux F1.2 (colour)	0.01 Lux F2.0 (colour)
Night vision	Smart IR, 30 m	White light, 40 m	Smart IR, 20 m	Smart IR, 30 m	Smart IR, 30 m
Image modes	BLC, 2D/3D-DNR	BLC, HLC, 2D/3D-DNR	BLC, HLC, 2D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 2D-DNR
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	WDR 120dB	Digital WDR
Audio & alarm interface	-	-	-	-	-
Data communication	Via coaxial (CVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)
Power supply	12V CC, <5W	12V CC, 4W	12V CC, 3W	12V CC, 4.6W	12V CC, 4.6W PoC.af via coaxial
Operating conditions	-10°C ~ +55°C Humidity of ≤85%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%
Environmental protection	IP66	IP67	IP67	IP67	IP67
Physical characteristics	65.7 x 62.7 x 172.9 mm	78 x 74.5 x 194.2 mm 516 g	Ø70 x 137.8 mm 260 g	61 x 58 x 158.6 mm 325 g	Ø70 x 158.6 mm 337 g
Angle adjustment	3AXIS	3AXIS 360°(H), 180°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 360°(H), 180°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)

ANALOGUE HD CAMERAS

	ANALOGUE SERIES							
	HYU-705	**HYU-335**	**HYU-517**	**HYU-399N**	**HYU-694**	**HYU-674N**	**HYU-244**	**HYU-1036**
Image sensor	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	3MP CMOS	5MP CMOS
Maximum resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	3MP (1920 x 1536)	5MP (2560 x 1944)
Frames per second	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	18 fps a 3MP 25/30 fps at 1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P
Video output	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)
Lens	Varifocal 2.8 ~ 12 mm	Varifocal 2.8 ~12 mm	Varifocal 2.8 ~12 mm	Motorised 5 ~ 50 mm	Motorised 2.8 ~ 12 mm	Motorised 2.7 ~13.5 mm	Varifocal 2.8 ~12 mm	2.4 mm
F.O.V.	-	-	102°~32°(H)	-	-	102°~31°(H)	-	110°(H), 81°(V)
Day/Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Minimum illumination	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.001 Lux F1.2 (colour)	0.005 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)
Night vision	Smart IR, 40 m	Smart IR, 40 m	Smart IR, 40 m	Smart IR, 80 m	Smart IR, 40 m	Smart IR, 70 m	Smart IR, 40 m	Smart IR, 30 m
Image modes	BLC, 2D/3D-DNR	BLC, 2D/3D-DNR	BLC	BLC, 2D/3D-DNR	BLC, 2D/3D-DNR	BLC, HLC, 3D-DNR	BLC, 2D-DNR	BLC, HLC, 2D-DNR
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	WDR 120dB	WDR 120dB	Digital WDR
Audio & alarm interface	-	-	-	-	-	-	-	-
Data communication	Via coaxial (CVI)	Via coaxial	Via coaxial (TVI)	Via coaxial (CVI)	Via coaxial (CVI)	Via coaxial (TVI)	Via coaxial	Via coaxial (TVI)
Power supply	12V CC, <8W	12V CC, 8W	12V CC, 5W	12V CC, 10W	12V CC, <5W	12V CC / 24V CA, 9.7W	12V CC, 3.6W	12V CC, 4.3W
Operating conditions	-20°C ~ +60°C Humidity of 10%~90%	-20°C ~ +60°C	-40°C ~ +60°C Humidity of ≤90%	-20°C ~ +60°C	-20°C ~ +60°C Humidity of 10%~90%	-40°C ~ +60°C Humidity of ≤90%	-10°C ~ +55°C Humidity of ≤85%	-40°C ~ +60°C Humidity of ≤90%
Environmental protection	IP66	IP66	IP66	IP66	IP66	IP67	IP66	IP67
Physical characteristics	81 x 81 x 271.5 mm	75 x 73 x 262.3 mm	92 x 89 x 296.6 mm 900 g	64.7 x 111.4 x 274 mm	75 x 73 x 263 mm	92 x 84.5 x 255.1 mm 695 g	105 x 105 x 285 mm	60.9 x 57.9 x 138.8 mm 258 g
Angle adjustment	3AXIS	3AXIS	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS	3AXIS	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS	3AXIS 360°(H), 90°(V), 360°(R)

ANALOGUE HD CAMERAS

	ANALOGUE SERIES							
	HYU-811	HYU-471N	HYU-541	HYU-697N	HYU-1037 ColorView	HYU-891 ColorView	HYU-807	HYU-808
Image sensor	5MP CMOS	5MP CMOS	5MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS
Maximum resolution	5MP (2560 x 1944)	5MP (2560 x 1936)	5MP (2560 x 1936)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Frames per second	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P	20 fps at 5MP 25/30 fps at 4MP	20 fps at 5MP 25/30 fps at 4MP	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P
Video output	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)
Lens	2.8 mm	Varifocal 3.3 ~12 mm	Motorised 5 ~ 50 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm
F.O.V.	85.5°(H), 63.7°(V)	-	-	-	98°(H), 51°(H)	106°(H), 56°(H)	106.4°(H), 57.9°(V)	106.4°(H), 57.9°(V)
Day/Night	ICR filter	ICR filter	ICR filter	ICR filter	Colour 24/7	Colour 24/7	ICR filter	ICR filter
Minimum illumination	0.01 Lux F1.2 (colour)	0.02 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.02 Lux F1.2 (colour)	0.001 Lux F1.0	0.0003 Lux F1.0	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)
Night vision	Smart IR, 30 m	Smart IR, 40 m	Smart IR, 80 m	Smart IR, 30 m	White light, 20 m	White light, 40 m	Smart IR, 20 m	Smart IR, 20 m
Image modes	BLC, HLC, 2D-DNR	BLC, HLC, 2D/3D-DNR	BLC, 2D/3D-DNR	BLC, 2D/3D-DNR	BLC, HLC, 2D/3D-DNR	BLC, HLC, HLS, 2D/3D-DNR	BLC, HLC, 2D-DNR	BLC, HLC, 2D-DNR
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	WDR 130dB	Digital WDR	Digital WDR
Audio & alarm interface	Microphone Audio via coaxial	-	-	-	-	Flashing or fixed white light visual alarm	Microphone Audio via coaxial	Microphone Audio via coaxial
Data communication	Via coaxial (TVI)	Via coaxial	Via coaxial	Via coaxial	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)
Power supply	12V CC, 3.7W	12V CC, <8W	12V CC, <10W	12V CC, <5W	12V CC, 2.4W	12V CC, 4.6W	12V CC, 2.7W	12V CC, 2.7W
Operating conditions	-40°C ~ +60°C Humidity of ≤90%	-20°C ~ +60°C Humidity of 10%~90%	-20°C ~ +60°C Humidity of 10%~90%	-20°C ~ +60°C Humidity of 10%~90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%
Environmental protection	IP67	IP66	IP66	IP66	IP67	IP68	Not suitable for outdoor use	Not suitable for outdoor use
Physical characteristics	61 x 58 x 158.6 mm 292 g	75 x 73 x 262.3 mm	92.4 x 288.16 mm	-	Ø85.1 x 77.62 mm 320 g	Ø110 x 98.3 mm 350 g	Ø84.6 x 78.9 mm 140 g	Ø84.6 x 78.9 mm 140 g
Angle adjustment	3AXIS 355°(H), 75°(V), 355°(R)	3AXIS	3AXIS	-	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)

ANALOGUE HD CAMERAS

	HYU-670	HYU-1039	HYU-765N	HYU-701N	HYU-702	HYU-515N	HYU-518	HYU-672
Image sensor	2MP CMOS	5MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS
Maximum resolution	2MP (1920 x 1080)	5MP (2560 x 1944)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Frames per second	25/30 fps at 1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P
Video output	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)
Lens	2.8 mm	2.4 mm	2.8 mm	Varifocal 2.8 ~12 mm	Varifocal 2.8 ~12 mm	Varifocal 2.7 ~ 13.5 mm	Varifocal 2.8 ~12 mm	Motorised 2.7 ~ 13.5 mm
F.O.V.	106°(H)	110°(H), 81°(V)	106.4°(H), 57.9°(V)	-	-	100°~30°(H), 52°~17°(V)	114.5°~35°(H)	100°~31°(H)
Day/Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Minimum illumination	0.005 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.02 Lux F1.2 (colour)	0.02 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.005 Lux F1.2 (colour)
Night vision	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 40 m	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 40 m	Smart IR, 40 m	Smart IR, 70 m
Image modes	BLC, HLC, 3D-DNR	BLC, HLC, 2D-DNR	BLC, HLC, 2D-DNR	BLC, 2D-DNR	BLC, 2D-DNR	BLC, HLC, 2D-DNR	BLC, DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	WDR 120dB
Audio & alarm interface	-	-	Microphone Audio via coaxial	-	-	-	-	-
Data communication	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial	Via coaxial (CVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)
Power supply	12V CC, 4.6W	12V CC, 4.3W	12V CC, 3.7W	12V CC, 5W	12V CC, <5W	12V CC, 5W	12V CC, 4.5W	12V CC, 7.7W
Operating conditions	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-20°C ~ +60°C Humidity of 10%~90%	-20°C ~ +60°C Humidity of 10%~90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%
Environmental protection	IP67	IP67	IP67	IP65	IP65	IP67	IP66	IP67
Physical characteristics	Ø82.6 x 68.2 mm 240 g	Ø82.6 x 90 x 79.37 mm 189 g	Ø109.8 x 91 mm 300 g	-	Ø119 x 98 mm	Ø130.5 x 102 mm 710 g	Ø130.54 x 102.4 mm 600 g	123.9 x 110.2 x 134 mm 600 g
Angle adjustment	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	-	3AXIS	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)

ANALOGUE HD CAMERAS

	ANALOGUE SERIES						
	HYU-759	**HYU-486N**	**HYU-1038**	**HYU-813** ColorView	**HYU-487N**	**HYU-572N**	**HYU-757**
Image sensor	2MP CMOS	5MP CMOS	5MP CMOS	5MP CMOS	5MP CMOS	5MP CMOS	5MP CMOS
Maximum resolution	2MP (1920 x 1080)	5MP (2560 x 1944)	5MP (2960 x 1665)	5MP (2560 x 1944)	5MP (2560 x 1944)	5MP (2560 x 1944)	5MP (2560 x 1944)
Frames per second	25/30 fps at 1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P	20 fps at 5MP 25/30 fps at 4MP/1080P	20 fps at 5MP (TVI/AHD) 25/30 fps at 4MP/1080P
Video output	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	HDTVI	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)
Lens	Motorised 2.7 ~ 13.5 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	Motorised 2.7 ~ 13.5 mm	Motorised 2.7 ~ 13.5 mm
F.O.V.	100°~31°(H)	85°(H), 63°(V)	102°(H), 56°(H)	85.5°(H), 63.7°(V)	85°(H), 63°(H)	95°~26°(H), 72°~20°(V)	92.3°~29.3°(H)
Day/Night	ICR filter	ICR filter	Colour 24/7	ICR filter	ICR filter	ICR filter	ICR filter
Minimum illumination	0.005 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.001 Lux F1.0	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.01 Lux F1.2 (colour)	0.003 Lux F1.2 (colour)
Night vision	Smart IR, 70 m	Smart IR, 20 m	White light, 20 m	Smart IR, 30 m	Smart IR, 20 m	Smart IR, 40 m	Smart IR, 60 m
Image modes	BLC, HLC, 3D-DNR	BLC, HLC, 2D-DNR	BLC, HLC, HLS, 2D-DNR	BLC, HLC, 2D-DNR	BLC, HLC, 2D-DNR	BLC, HLC, 2D-DNR	BLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	WDR 130dB
Audio & alarm interface	-	-	Microphone Audio via coaxial	Microphone Audio via coaxial	-	-	-
Data communication	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)	Via coaxial (TVI)
Power supply	12V CC, 7.7W	12V CC, 4.3W	12V CC, 2.5W	12V CC, 3.7W	12V CC, 4.3W	12V CC, 8.4W PoC.at via coaxial	12V CC, 10.5W
Operating conditions	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%	-40°C ~ +60°C Humidity of ≤90%
Environmental protection	IP67	IP67, IK10	IP67	IP67	Not suitable for outdoor use	IP67	IP67
Physical characteristics	123.9 x 110.2 x 134 mm 600 g	Ø110.8 x 84.7 mm 362 g	Ø85.1 x 77.62 mm 328 g	Ø82.6 x 79.37 mm 290 g	Ø84.6 x 78.9 mm 143 g	123.9 x 110.2 x 134.3 mm 595 g	123.9 x 110.2 x 134.3 mm 630 g
Angle adjustment	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 355°(H), 75°(V), 355°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 355°(H), 75°(V), 355°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)

ANALOGUE HD CAMERAS

	ANALOGUE SERIES				
	HYU-112N	**HYU-113N**	**HYU-454N**	**HYU-689N**	**HYU-692N**
Image sensor	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS	2MP CMOS
Maximum resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)
Frames per second	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P	25/30 fps at 1080P
Video output	3 en 1 conmutable (HDCVI, HDTVI, AHD)	4 in 1 switchable (HDCVI, HDTVI, AHD)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)	4 in 1 switchable (HDCVI, HDTVI, AHD, CVBS)
Lens	Zoom 10X: 5.1 ~ 51 mm	Zoom 4X: 2.8 ~ 12 mm	Zoom 4X: 2.8 ~ 12 mm	Zoom 15X: 5 ~ 75 mm	Zoom 32X: 4.8 ~ 153 mm
F.O.V.	-	-	-	53.8°~4°(H)	54°~2°(H)
Day/Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Minimum illumination	0 Lux	0 Lux	0.01 Lux F1.2 (colour)	0.005 Lux F1.6 (colour)	0.005 Lux F1.2 (colour)
Night vision	Smart IR, 80 m	Smart IR, 50 m	Smart IR, 25 m	IR illumination, 100 m	IR illumination, 150 m
Image modes	2D/3D-DNR	BLC	BLC, HLC, 2D/3D-DNR	BLC, HLC, EIS, 3D-DNR	BLC, HLC, EIS, 3D-DNR
Wide Dynamic Range	-	WDR 120dB	Digital WDR	WDR 120dB	WDR 120dB
Positioning	250°@15°/s (PAN) -10°~55°@10°/s (TILT)	250°@15°/s (PAN) -10°~55°@10°/s (TILT)	250°@15°/s (PAN) -10°~55°@15°/s (TILT)	360°@80°/s (PAN) -15°~90°@80°/s (TILT)	360°@160°/s (PAN) -15°~90°@120°/s (TILT)
Presets	255 presets	255 presets (Pelco-D/P) 8 rounds, 4 patterns	1 preset	256 presets (Pelco-D/P) 10 rounds, 5 patterns	256 presets (Pelco-D/P) 10 rounds, 5 patterns
Data communication	Via coaxial	Via coaxial RS485	Via coaxial (UTC)	Via coaxial (TVI) RS485 Half-Duplex	Via coaxial (TVI) RS485 Half-Duplex
Power supply	12V CC	12V CC	12V CC, <10W	12V CC, 20W	24V CA, 40W
Operating conditions	-35°C ~ +60°C Humidity of ≤95%	-35°C ~ +60°C Humidity of ≤95%	-20°C ~ +60°C Humidity of 10%~90%	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%
Environmental protection	IP66	IP66 Lightning-proof	IP66 Lightning-proof 4KV	IP66 Lightning-proof 4KV	IP66, IK10 Lightning-proof 4KV
Physical characteristics	225 x 165 x 94 mm 750 g	153 x 93 x 130 mm	168 x 70 x 87 mm 380 g	Ø164.5 x 295 mm 2000 g	Ø220 x 353.4 mm 4500 g

ZVR

HDCVI™ HDTVI AHD CVBS Onvif

ZVR 5 IN 1

All HYUNDAI ZVRs now feature intelligent motion detection, which detects people and vehicles through each analogue channel to focus on real security threats. Users can quickly search for video footage based on the appearance of people or vehicles during a specific time period.

ZVRs with AI-Sense technology are capable of video content analytics, designed to reduce the scope of surveillance in perimeter protection and face detection and matching to provide more detailed results.

ANALOGUE HD RECORDERS

	ZVR 5 IN 1				
	HYU-778	HYU-784N	HYU-1040	HYU-992 MOTION DETECTION 2.0	HYU-782N MOTION DETECTION 2.0
Analogue inputs	4 inputs TVI: 1080P/720P CVI: 1080P/720P AHD: 720P CVBS: 960H	4 inputs TVI: 4MP/3MP/1080P CVI: 4MP/1080P/720P AHD: 4MP/1080P/720P CVBS: 960H	4 inputs TVI: 8MP/5MP/4MP/etc CVI: 5MP/4MP/1080P/720P AHD: 5MP/4MP/1080P/720P CVBS: 960H	16 inputs TVI: 1080P/720P CVI: 1080P/720P AHD: 1080P/720P CVBS: 960H	8 inputs TVI: 1080P/720P CVI: 1080P/720P AHD: 1080P/720P CVBS: 960H
IP Inputs	4+1 inputs at 1080P	4+1 inputs at 6MP 4+2 inputs at 4MP	4+2 inputs at 8MP 4+4 inputs at 4MP	16+2 inputs at 5MP	8+2 inputs at 5MP
Recording resolution	1080N, 720P, WD1, D1, VGA	4M-N, 3MP, 1080P, 1080N, 720P, 720N, WD1, D1, VGA	8MP, 8M-N, 5MP, 3K, 4MP, 3MP, 1080P, 720P, WD1, D1, VGA	1080N, 720P, WD1, D1, VGA	1080N, 720P, WD1, D1, VGA
Video formats	H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
Streams	Stream 1: 1080N (12 fps) Stream 2: 2CIF (6 fps)	Stream 1: 4M-N (15 fps) Stream 2: WD1 (12 fps)	Stream 1: 8MP (8 fps) Stream 2: WD1 (25 fps)	Stream 1: 1080N (15 fps) Stream 2: CIF (15 fps)	Stream 1: 1080N (15 fps) Stream 2: CIF (15 fps)
Video outputs	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)
Synchronous playback	4 channels	4 channels	4 channels	16 channels	8 channels
Audio interface	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial
Alarm interface	-	-	-	-	-
Intelligent functions	-	-	Perimeter protection	Motion detection 2.0	Motion detection 2.0
Storage	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 4TB)
Data communication	Via coaxial (TVI) 720P up to 1200 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 720P up to 1200 m	Via coaxial (TVI) 720P up to 1200 m
Connectivity	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0
Power supply	12V CC, ≤12W	12V CC, ≤8W	12V CC, ≤15W	12V CC, ≤7W	12V CC, ≤17W
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%
Format	Desktop	Desktop	Desktop	Desktop	Desktop / 1U Rack
Physical characteristics	200 x 200 x 45 mm 800 g	200 x 200 x 45 mm 800 g	200 x 200 x 45 mm 1160 g	285 x 210 x 45 mm 1800 g	260 x 222 x 45 mm 1000 g

ANALOGUE HD RECORDERS

	HYU-941	HYU-896	HYU-996	HYU-974	HYU-899	HYU-975	HYU-991	HYU-764N
	MOTION DETECTION 2.0	MOTION DETECTION 2.0	MOTION DETECTION 2.0	MOTION DETECTION 2.0	MOTION DETECTION 2.0	MOTION DETECTION 2.0	MOTION DETECTION 2.0	MOTION DETECTION 2.0
Analogue inputs	16 inputs TVI: 1080P/720P CVI: 1080P/720P AHD: 1080P/720P CVBS: 960H	4 inputs TVI: 4MP/3MP/1080P CVI: 4MP/1080P/720P AHD: 4MP/1080P/720P CVBS: 960H	4 inputs TVI: 8MP/5MP/4MP/etc CVI: 5MP/4MP/1080P/720P AHD: 5MP/4MP/1080P/720P CVBS: 960H	4 inputs TVI: 8MP/5MP/4MP/etc CVI: 8MP/5MP/4MP/etc AHD: 5MP/4MP/1080P/720P CVBS: 960H	8 inputs TVI: 3K/5MP/4MP/etc CVI: 5MP/4MP/1080P/720P AHD: 5MP/4MP/1080P/720P CVBS: 960H	8 inputs TVI: 8MP/5MP/4MP/etc CVI: 8MP/5MP/4MP/etc AHD: 5MP/4MP/1080P/720P CVBS: 960H	16 inputs TVI: 3K/5MP/4MP/etc CVI: 5MP/4MP/1080P/720P AHD: 5MP/4MP/1080P/720P CVBS: 960H	16 inputs TVI: 8MP/5MP/4MP/etc CVI: 8MP/5MP/4MP/etc AHD: 5MP/4MP/1080P/720P CVBS: 960H
IP Inputs	16+2 inputs at 5MP	4+1 inputs at 6MP 4+2 inputs at 4MP	4+2 inputs at 8MP 4+4 inputs at 4MP	4+4 inputs at 8MP	8+2 inputs at 6MP 8+4 inputs at 4MP	8+4 inputs at 8MP 8+8 inputs at 4MP	16+2 inputs at 6MP 16+8 inputs at 4MP	16+8 inputs at 8MP 16+16 inputs at 4MP
Recording resolution	1080N, 720P, WD1, D1, VGA	4M-N, 3MP, 1080P, 1080N, 720P, 720N, WD1, D1, VGA	8MP, 5MP, 3K, 4MP, 3MP, 1080P, 720P, WD1, D1, VGA	8MP, 5MP, 3K, 4MP, 3MP, 1080P, 720P, WD1, D1, VGA	3K-N, 4M-N, 3MP, 1080P, 1080N, 720P, 720N, WD1, D1, VGA	8MP, 5MP, 3K, 4MP, 3MP, 1080P, 720P, WD1, D1, VGA	3K-N, 4M-N, 3MP, 1080P, 1080N, 720P, 720N, WD1, D1, VGA	8MP, 5MP, 3K, 4MP, 3MP, 1080P, 720P, WD1, D1, VGA
Video formats	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
Streams	Stream 1: 1080N (15 fps) Stream 2: CIF (15 fps)	Stream 1: 1080N (15 fps) Stream 2: CIF (15 fps)	Stream 1: 8MP (12/15 fps) Stream 2: WD1 (25/30 fps)	Stream 1: 8MP (12/15 fps) Stream 2: WD1 (25/30 fps)	Stream 1: 3K-N (12 fps) Stream 2: CIF (25/30 fps)	Stream 1: 8MP (8 fps) Stream 2: WD1 (25/30 fps)	Stream 1: 3K-N (12 fps) Stream 2: CIF (25/30 fps)	Stream 1: 8MP (8 fps) Stream 2: WD1 (25/30 fps)
Video outputs	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (1080P) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)
Synchronous playback	16 channels	4 channels	4 channels	4 channels	8 channels	8 channels	16 channels	16 channels
Audio interface	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial	1I/1O audio Audio via coaxial
Alarm interface	-	-	-	-	-	-	-	-
Intelligent functions	Motion detection 2.0	Motion detection 2.0 Perimeter protection Face detection	Motion detection 2.0 Perimeter protection Face detection	Motion detection 2.0 Perimeter protection Face detection	Motion detection 2.0 Perimeter protection Face detection	Motion detection 2.0 Perimeter protection Face detection	Motion detection 2.0 Perimeter protection Face detection	Motion detection 2.0 Perimeter protection Face detection
Storage	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 10TB)	1 HDD SATA (up to 10TB)	2 HDD SATA (up to 10TB)
Data communication	Via coaxial (TVI) 720P up to 1200 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m	Via coaxial (TVI) 1080P up to 800 m
Connectivity	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0, 1 RS485	RJ45 (10/100M) 2 USB 2.0, 1 RS485	RJ45 (10/100M) 2 USB 2.0, 1 RS485	RJ45 (10/100M) 2 USB 2.0, 1 RS485	RJ45 (10/100/1000M) 1 USB 2.0, 1 USB 3.0 1 RS485	RJ45 (10/100/1000M) 1 USB 2.0, 1 USB 3.0 1 RS485	RJ45 (10/100/1000M) 1 USB 2.0, 1 USB 3.0 1 RS485
Power supply	12V CC, ≤10W	12V CC, ≤18W	12V CC, ≤10W	12V CC, ≤10W	12V CC, ≤18W	12V CC, ≤10W	12V CC, ≤24W	12V CC, ≤19W
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%
Format	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack
Physical characteristics	260 x 222 x 45 mm 1100 g	315 x 242 x 45 mm 1160 g	315 x 242 x 45 mm 1800 g	315 x 242 x 45 mm 1800 g	315 x 242 x 45 mm 1780 g	315 x 242 x 45 mm 2000 g	315 x 242 x 45 mm 2000 g	380 x 320 x 48 mm 2100 g

Value Line

VALUE SERIES

At HYUNDAI we want to offer the most flexible product range to suit any solution. Our IP cameras, HD CVBS cameras, NVRs and DVRs are offered in two series: Value and Pro.

The Value Series is designed to be a cost-effective range, offering simple installation and reliable technology that delivers.

These are the "workhorses" of surveillance, offering key benefits such as sharp images, H.264/H.265 compression and IP66 or IP67 protection.

IP CAMERAS

	VALUE SERIES				
	HYU-414N	**HYU-768N**	**HYU-932** ColorView	**HYU-408N**	**HYU-933** ColorView
Image sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.7" CMOS
Maximum resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	2MP (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	2 streams	2 streams	2 streams	2 streams
Lens	2.8 mm 112°(H), 60°(V)	2.8 mm 112°(H), 60°(V)	2.8 mm 107°(H), 56°(V)	2.8 mm 100°(H), 55°(V)	2.8 mm 102°(H), 56°(V)
Day/Night	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)	Colour 24/7 0.001 Lux F1.0	ICR filter 0.0028 Lux F2.0 (colour)	Colour 24/7 0.001 Lux F1.0
Night vision	Smart IR, 30 m	Smart IR, 30 m	White light, 30 m	Smart IR, 30 m	White light, 30 m
Image modes	BLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	WDR 120dB	Digital WDR
Intelligent functions	-	-	-	-	-
Audio & alarm interface	-	-	-	-	-
SD slot	-	-	-	-	-
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 3.6W PoE (802.3af), 4.5W	12V CC, 5W PoE (802.3af), 7W	12V CC, 3.6W PoE (802.3af), 4.5W
Operating conditions	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +50°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67	IP67	IP67	IP67	IP67
Physical characteristics	67.8 x 66.2 x 177.6 mm 270 g	69.1 x 66 x 172.7 mm 270 g	68.4 x 65.2 x 161.1 mm 420 g	Ø70 x 172.7 mm 280 g	68.4 x 65.2 x 161.1 mm 420 g
Angle adjustment	3AXIS 360°(H), 180°(V), 360°(R)	3AXIS 360°(H), 180°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 360°(H), 180°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)

IP CAMERAS

	VALUE SERIES							
	HYU-1024	**HYU-1025**	**HYU-415N**	**HYU-409N**	**HYU-970** ColorView	**HYU-1026**	**HYU-1027**	**HYU-770N**
Image sensor	1/2.7" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS
Maximum resolution	5MP (2560 x 1920)	8MP (3840 x 2160)	2MP (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)	5MP (2560 x 1920)	8MP (3840 x 2160)	2MP (1920 x 1080)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Lens	2.8 mm 100°(H), 74°(V)	2.8 mm 108°(H), 60°(V)	2.8 mm 112°(H), 60°(V)	2.8 mm 98°(H), 53°(V)	2.8 mm 96°(H), 52°(V)	2.8 mm 98°(H), 72°(V)	2.8 mm 108°(H), 60°(V)	2.8 mm 112°(H), 60°(V)
Day/Night	ICR filter 0.0028 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)	Colour 24/7 0.001 Lux F1.0	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)
Night vision	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m	White light, 30 m	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m
Image modes	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	WDR 120dB	Digital WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	Digital WDR
Intelligent functions	-	-	-	-	-	-	-	-
Audio & alarm interface	-	-	-	-	-	-	-	-
SD slot	-	-	-	-	-	-	-	-
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W
Operating conditions	-30°C ~ +50°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67	IP67	IP67, IK10	IP67	IP67	IP67, IK10	IP67, IK10	IP67
Physical characteristics	Ø70 x 172.7 mm 300 g	69.1 x 66 x 170.8 mm 270 g	Ø110 x 82.4 mm 410 g	Ø111 x 82.4 mm 280 g	Ø121.5 x 97.6 mm 500 g	Ø110.8 x 84.7 mm 520 g	Ø110.8 x 84.7 mm 520 g	Ø110 x 85.3 mm 320 g
Angle adjustment	3AXIS 360°(H), 180°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	2AXIS 355°(H), 70°(V)	2AXIS 355°(H), 75°(V)	3AXIS 355°(H), 75°(V), 355°(R)	2AXIS 355°(H), 75°(V)	2AXIS 355°(H), 75°(V)	3AXIS 360°(H), 75°(V), 360°(R)

IP CAMERAS

	VALUE SERIES							
	HYU-922	**HYU-934** ColorView	**HYU-920**	**HYU-753N**	**HYU-935** ColorView	**HYU-412N**	**HYU-617N**	**HYU-1028**
Image sensor	1/2.7" CMOS	1/2.8" CMOS	1/3" CMOS	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.8" CMOS
Maximum resolution	2MP (1920 x 1080)	2MP (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)	5MP (2560 x 1920)	8MP (3840 x 2160)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Lens	2.8 mm 105°(H), 58°(V)	2.8 mm 107°(H), 56°(V)	2.8 mm 98°(H), 53°(V)	2.8 mm 98°(H), 53°(V)	2.8 mm 102°(H), 54°(V)	Motorised 2.8 ~12 mm 102°~301(H), 54°~17°(V)	2.8 mm 98°(H), 72°(V)	2.8 mm 108°(H), 60°(V)
Day/Night	ICR filter 0.01 Lux F2.0 (colour)	Colour 24/7 0.001 Lux F1.0	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)	Colour 24/7 0.001 Lux F1.0	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.01 Lux F2.0 (colour)	ICR filter 0.01 Lux F2.0 (colour)
Night vision	Smart IR, 30 m	White light, 30 m	Smart IR, 30 m	Smart IR, 30 m	White light, 30 m	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m
Image modes	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR	BLC, 3D-DNR	BLC, 3D-DNR
Wide Dynamic Range	Digital WDR	Digital WDR	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Intelligent functions	-	-	-	-	-	-	-	-
Audio & alarm interface	-	-	-	-	-	-	-	-
SD slot	-	-	-	-	-	-	-	-
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 3.6W PoE (802.3af), 4.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 4.5W PoE (802.3af), 4.5W	12V CC, 9W PoE (802.3af), 10W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 5W PoE (802.3af), 6.5W
Operating conditions	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of 10%~95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Physical characteristics	Ø110 x 85.3 mm 320 g	Ø110 x 100.8 mm 350 g	Ø110 x 85.3 mm 320 g	Ø110 x 85.3 mm 320 g	Ø110 x 100.8 mm 350 g	Ø129.4 x 116.4 mm 560 g	Ø110 x 85.3 mm 330 g	Ø110 x 85.3 mm 330 g
Angle adjustment	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 355°(H), 70°(V), 355°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)

IP CAMERAS

	VALUE SERIES						
	HYU-411N	**HYU-618N**	**HYU-1029**	**HYU-542**	**HYU-453**	**HYU-261**	**HYU-1030**
Image sensor	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/3" CMOS
Maximum resolution	4MP (2560 x 1440)	5MP (2560 x 1920)	4MP (2560 x 1440)	2MP (1920 x 1080)	5MP (2592 x 1944)	4MP (2560 x 1944)	4MP (2560 x 1440)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265, H.264	H.265, H.264	H.265, H.264	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams	2 streams
Lens	Motorised 2.8 ~12 mm 102°~31°(H), 55°~18°(V)	Motorised 2.8 ~12 mm 97°~30°(H), 70°~22°(V)	Motorised 2.8 ~12 mm 102°~31°(H), 54°~17°(V)	Motorised 2.8 ~12 mm	Motorised 2.7 ~13.5 mm	Motorised 4.7~47 mm	Motorised 2.8 ~12 mm 97°~30°(H), 52°~17°(V)
Day/Night	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.01 Lux F1.2 (colour)	ICR filter 0.1 Lux F1.2 (colour)	ICR filter 0.05 Lux F1.6 (colour)	ICR filter 0.007 Lux F1.6 (colour)
Night vision	Smart IR, 50 m	Smart IR, 50 m	Smart IR, 30 m	Smart IR, 40 m	Smart IR, 40 m	Smart IR, 80 m	Smart IR, 50 m
Image modes	BLC, 3D-DNR	BLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 2D/3D-DNR	BLC, 2D/3D-DNR	BLC, 2D/3D-DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	Digital WDR	Digital WDR	WDR 120dB	WDR 120dB
Intelligent functions	-	-	-	-	-	-	-
Audio & alarm interface	-	-	-	-	-	-	Microphone
SD slot	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB	-	-	-	MicroSD up to 256GB
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (100M)	RJ45 (100M)	RJ45 (100M)	RJ45 (10/100M)
Power supply	12V CC, 11W PoE (802.3af), 12.9W	12V CC, 10.8W PoE (802.3af), 12.9W	12V CC, 10W PoE (802.3af), 11.5W	12V CC, <10W	12V CC, <10W PoE (802.3af)	12V CC PoE (802.3af)	12V CC, 11W PoE (802.3af), 12.5W
Operating conditions	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-20°C ~ +60°C Humidity of 10%~90%	-20°C ~ +60°C Humidity of 10%~90%	-35°C ~ +60°C	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67	IP67	IP67, IK10	IP65 Lightning-proof 4KV	IP65 Lightning-proof 4KV	IP66	IP66
Physical characteristics	Ø105 x 244.4 mm 1035 g	Ø105 x 244.4 mm 715 g	Ø141 x 99.9 mm 820 g	Ø68 x 91 mm	Ø68 x 91 mm	255 x 165 x 94 mm 920 g	105 x 197.1 x 225.4 mm 900 g
Angle adjustment	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 355°(H), 70°(V), 355°(R)	2AXIS 0°~180°(H), 0°~60°(V)	2AXIS 0°~180°(H), 0°~55°(V)	2AXIS 250°(H), -10°~55°(V)	2AXIS ±100°(H), -20°~+45°(V)

Professional Line

MOTION DETECTION 2.0 ONVIF STARLIGHT

PRO SERIES

The Pro series offers more functions when a higher level of features is required, making the solution more powerful. Among other things, these products add a number of additional functions to the basic product:

Low light technology gives the cameras the ability to see through darkness, providing bright images even in 0.05 to 0.001 lux environments. All products in this series also include WDR, which helps to handle very bright environments. The higher resolution makes images sharper and monitoring easier.

IP CAMERAS

	PRO SERIES				
	HYU-956	**HYU-960** ColorView	**HYU-957**	**HYU-958**	**HYU-962**
Image sensor	1/3" CMOS	1/1.8" CMOS	1/3" CMOS	1/3" CMOS	1/2.8" CMOS
Maximum resolution	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	8MP (3840 x 2160)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	3 streams	3 streams	3 streams	3 streams	3 streams
Lens	2.8 mm 103°(H), 55°(V)	2.8 mm 112°(H), 61°(V)	2.8 mm 103°(H), 55°(V)	2.8 mm 103°(H), 55°(V)	2.8 mm 107°(H), 57°(V)
Day/Night	ICR filter 0.005 Lux F1.6 (colour)	Colour 24/7 0.0005 Lux F1.0	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)
Night vision	Smart IR, 40 m	White light, 40 m	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m
Image modes	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	WDR 130dB	WDR 120dB	WDR 120dB	WDR 120dB
Intelligent functions	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0
Audio & alarm interface	Microphone	Microphone	1I/1O audio 1I/1O alarm	Microphone	1I/1O audio 1I/1O alarm
SD slot	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 6W PoE (802.3af), 7W	12V CC, 6W PoE (802.3af), 7.5W	12V CC, 5W PoE (802.3af), 6.5W	12V CC, 6W PoE (802.3af), 7W	12V CC, 5W PoE (802.3af), 6.5W
Operating conditions	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67	IP67	IP67	IP67	IP67, IK10
Physical characteristics	Ø70 x 161.7 mm 490 g	78.8 x 78.6 x 215.2 mm 695 g	Ø110.8 x 84.7 mm 530 g	Ø127.3 x 95.9 mm 600 g	Ø110.8 x 84.7 mm 530 g
Angle adjustment	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 355°(H), 75°(V), 355°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 355°(H), 75°(V), 355°(R)

IP CAMERAS

	PRO SERIES							
	HYU-1033	**HYU-676N** ColorView	**HYU-959** ColorView	**HYU-1031** ColorView	**HYU-961**	**HYU-966**	**HYU-893**	**HYU-967**
Image sensor	1/2.7" CMOS	1/1.8" CMOS	1/1.8" CMOS	2 x 1/2.5" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS
Maximum resolution	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (3040 x 1368)	8MP (3840 x 2160)	4MP (2688 x 1520)	8MP (3840 x 2160)	8MP (3840 x 2160)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	3 streams	3 streams	2 streams	3 streams	3 streams	3 streams	3 streams
Lens	1.68 mm 180°(H), 101°(V)	2.8 mm 112°(H), 61°(V)	2.8 mm 112°(H), 61°(V)	2.8 mm (dual) 180°(H), 81°(V)	2.8 mm 107°(H), 57°(V)	Motorised 2.8 ~ 12 mm 96°~29°(H), 51°~16°(V)	Motorised 2.8 ~ 12 mm 108°~30°(H), 56°~17°(V)	Motorised 2.8 ~ 12 mm 108°~30°(H), 56°~17°(V)
Day/Night	ICR filter 0.028 Lux F2.0 (colour)	Colour 24/7 0.0005 Lux F1.0	Colour 24/7 0.0005 Lux F1.0	Colour 24/7 0.0005 Lux F1.0	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)
Night vision	Smart IR, 10 m	White light, 30 m	White light, 30 m	White light, 30 m	Smart IR, 30 m	Smart IR, 60 m	Smart IR, 60 m	Smart IR, 60 m
Image modes	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	WDR 130dB	WDR 130dB	WDR 130dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Intelligent functions	Perimeter protection, Face detection	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0
Audio & alarm interface	-	-	Microphone	Microphone, 1I/1O audio 1I/1O alarm	Microphone	1I/1O audio 1I/1O alarm	1I/1O audio 1I/1O alarm	1I/1O audio 1I/1O alarm
SD slot	MicroSD up to 256GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 512GB
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 5.8W PoE (802.3af), 6.8W	12V CC, 6.6W PoE (802.3af), 7.6W	12V CC, 6.6W PoE (802.3af), 7.6W	12V CC, 10.5W PoE (802.3af), 12.5W	12V CC, 6W PoE (802.3af), 7.5W	12V CC, 13W PoE+ (802.3at), 15W	12V CC, 13W PoE+ (802.3at), 15W	12V CC, 13W PoE+ (802.3at), 15W
Operating conditions	-10°C ~ +40°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	Not suitable for outdoor use	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10
Physical characteristics	Ø127.3 x 104.1 mm 520 g	Ø138.3 x 125.2 mm 750 g	Ø138.3 x 125.2 mm 750 g	Ø140 x 145.6 mm 920 g	Ø127.3 x 95.9 mm 600 g	97.9 x 93.1 x 308.5 mm 1390 g	97.9 x 93.1 x 308.5 mm 1385 g	97.9 x 93.1 x 308.5 mm 1385 g
Angle adjustment	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 355°(H), 75°(V), 355°(R)	2AXIS ±30°(H), ±75°(V)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 355°(H), 90°(V), 360°(R)	3AXIS 355°(H), 90°(V), 360°(R)

IP CAMERAS

	HYU-969	HYU-404N	HYU-965	HYU-968	HYU-1034	HYU-1032 ColorView	HYU-963
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.7" CMOS	2 x 1/2.5" CMOS	1/2.8" CMOS
Maximum resolution	8MP (3840 x 2160)	2MP (1920 x 1080)	4MP (2688 x 1520)	8MP (3840 x 2160)	4MP (2688 x 1520)	4MP (3040 x 1368)	8MP (3840 x 2160)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	3 streams	3 streams	3 streams	3 streams	2 streams	2 streams	3 streams
Lens	Motorised 2.8 ~ 12 mm 108°~30°(H), 56°~17°(V)	3.7 mm 75.5°(H), 41.6°(V)	Motorised 2.8 ~ 12 mm 96°~29°(H), 51°~16°(V)	Motorised 2.8 ~ 12 mm 108°~30°(H), 56°~17°(V)	1.68 mm 180°(H), 101°(V)	2.8 mm (dual) 180°(H), 81°(V)	2.8 mm 107°(H), 57°(V)
Day/Night	ICR filter 0.005 Lux F1.6 (colour)	0.002 Lux F1.2 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.028 Lux F2.0 (colour)	Colour 24/7 0.0005 Lux F1.0	ICR filter 0.005 Lux F1.6 (colour)
Night vision	Smart IR, 40 m	-	Smart IR, 40 m	Smart IR, 40 m	Smart IR, 20 m	White light, 40 m	Smart IR, 80 m
Image modes	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, EIS, 3D-DNR, Lens correction	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 130dB	WDR 120dB
Intelligent functions	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Motion detection	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0	Perimeter protection, Face detection	Perimeter protection, Motion detection 2.0	Perimeter protection, Face detection, Motion detection 2.0
Audio & alarm interface	1I/1O audio 1I/1O alarm	1I/1O audio	1I/1O audio 1I/1O alarm	1I/1O audio 1I/1O alarm	-	Microphone, 1I/1O audio 1I/1O alarm	-
SD slot	MicroSD up to 512GB	-	MicroSD up to 512GB	MicroSD up to 512GB	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 10.5W PoE (802.3af), 12.5W	12V CC, 1.5W	12V CC, 11W PoE (802.3af), 12.5W	12V CC, 11W PoE (802.3af), 12.5W	12V CC, 7.2W PoE (802.3af), 8.7W	12V CC, 10.5W PoE (802.3af), 12.5W	12V CC, 11W PoE (802.3af), 12.5W
Operating conditions	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67, IK10	Not suitable for outdoor use	IP67, IK10	IP67, IK10	IP67	IP67	IP67
Physical characteristics	Ø153.3 x 111.6 mm 855 g	31.5 x 31.5 x 39.7 mm 93 g	Ø138.3 x 126 mm 830 g	Ø138.3 x 126 mm 830 g	Ø105 x 278 mm 570 g	118.6 x 105.1 x 306.5 mm 1400 g	Ø105 x 299.7 mm 1090 g
Angle adjustment	3AXIS 355°(H), 75°(V), 355°(R)	Adjustable lyre holder	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 75°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 355°(H), 90°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)

PRO SERIES

WIFI SERIES

Wifi Line

NVIF   H.265+   STARLIGHT

Wireless technology is an ideal solution to avoid complex installations limited by wiring. HYUNDAI Wi-Fi cameras stand out for their usability, as installation, configuration and management via App is very simple. In addition, the visual design of the signal strength allows you to see the coverage of each camera.

The stability achieved by the dual antenna design (transmitting and receiving at the same time), the adaptive bit rate, the individual network processor and the connection between cameras as repeaters, allow for stable and distant transmission.

The certificates we carry (CE, FCC, CB, UL, RoHS, RCM, IC, WEEE and REACH) and the protocols we use (WPA2, RSN) make our products reliable and secure.

IP CAMERAS

	WIFI SERIES				
	HYU-993 WiFi	HYU-943 WiFi	HYU-649N WiFi	HYU-973 WiFi	HYU-942 WiFi
Image sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS
Maximum resolution	2MP (1920 x 1080)	4MP (2560 x 1440)	2MP (1920 x 1080)	4MP (2560 x 1440)	2MP (1920 x 1080)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265, H.264	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	2 streams	2 streams	2 streams	2 streams
Lens	2.8 mm 111°(H), 59°(V)	2.8 mm 97°(H), 52°(V)	2.8 mm 111°(H), 59°(V)	2.8 mm 95°(H), 53°(V)	2.8 mm 112°(H), 60°(V)
Day/Night	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.009 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.028 Lux F2.0 (colour)
Night vision	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m	Smart IR, 30 m	IR illumination, 10 m
Image modes	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR
Wide Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	Digital WDR
Intelligent functions	-	-	-	-	-
Audio & alarm interface	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker
SD slot	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB
Connectivity	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz
Power supply	12V CC, 6W	12V CC, 7.2W	12V CC, 6W	12V CC, 6W	5V CC, 8W (Micro USB)
Operating conditions	-30°C ~ +60°C Humidity of ≤95%	-30°C ~ +50°C Humidity of ≤95%	-30°C ~ +50°C Humidity of ≤95%	-30°C ~ +60°C Humidity of ≤95%	-10°C ~ +40°C Humidity of ≤95%
Environmental protection	IP66	IP66	IP66	IP66	Not suitable for outdoor use
Physical characteristics	89.1 x 73 x 175.6 mm 345 g	89.1 x 73 x 175.6 mm 450 g	Ø170 x 150 mm 590 g	Ø126 x 96.1 mm 590 g	Ø82.4 x 113.6 mm 280 g
Angle adjustment	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 360°(H), 90°(V), 360°(R)	3AXIS 355°(H), 75°(V), 355°(R)	3AXIS 355°(H), 75°(V), 355°(R)	2AXIS 360°(H), -10°~90°(V)

Professional Line

Onvif   H.265+   *STARLIGHT*

PTZ SERIES

In a panoramic camera, its tilt and zoom (PTZ) function by moving the camera in different directions to obtain a complete picture of the surveillance area. The ability to pan, tilt and zoom allows large areas to be monitored with a single camera while still obtaining a high level of detail.

HYUNDAI offers a wide selection of PTZ cameras that work well as a stand-alone solution and integrated with other cameras. With HYUNDAI PTZ cameras, you can respond quickly to any event that occurs and not miss any details.

IP CAMERAS

	PTZ SERIES				
	HYU-938N	**HYU-981**	**HYU-946** ColorView	**HYU-947**	**HYU-950**
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Maximum resolution	2MP (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)	2MP (1920 x 1080)	4MP (2560 x 1440)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	3 streams	3 streams	3 streams	3 streams	3 streams
Lens	Zoom 4X: 2.8 ~ 12 mm 100°~33°(H), 53°~18°(V)	Zoom 4X: 2.8 ~ 12 mm 97°~32°(H), 51°~18°(V)	4 mm 89°(H), 45°(V)	Zoom 25X: 4.8 ~ 120 mm 57°~2.5°(H), 34°~1.4°(V)	Zoom 15X: 5 ~ 75 mm 55°~4°(H), 33°~2.2°(V)
Day/Night	ICR filter 0.005 Lux F1.5 (colour)	ICR filter 0.005 Lux F1.5 (colour)	Colour 24/7 0.0005 Lux F1.0	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)
Night vision	IR illumination, 20 m	IR illumination, 20 m	White light, 30 m	IR illumination, 100 m	IR illumination, 100 m
Wide Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Intelligent functions	Perimeter protection, Face detection	Perimeter protection, Face detection	Perimeter protection, Face detection	Perimeter protection, Face detection	Perimeter protection, Face detection
Positioning	0°~355°@100°/s (PAN) 0°~90°@100°/s (TILT)	0°~355°@100°/s (PAN) 0°~90°@100°/s (TILT)	355°@60°/s (PAN) 0°~90°@50°/s (TILT)	360°@80°/s (PAN) -15°~90°@80°/s (TILT)	360°@80°/s (PAN) -15°~90°@80°/s (TILT)
Presets	300 presets	300 presets	300 presets	300 presets 8 rounds, 4 patterns	300 presets 8 rounds, 4 patterns
Audio & alarm interface	Microphone, 1I/1O audio	Microphone, 1I/1O audio	Speaker, 1I/1O audio 1I/1O alarm	1I/1O audio 1I/1O alarm	1I/1O audio 1I/1O alarm
SD slot	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 512GB	MicroSD up to 256GB	MicroSD up to 256GB
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RS485 RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 9.2W PoE (802.3af)	12V CC, 11.2W PoE (802.3af)	12V CC, 16W PoE+ (802.3at)	12V CC, 18W PoE+ (802.3at)	12V CC, 18W PoE+ (802.3at)
Operating conditions	-20°C ~ +60°C Humidity of ≤90%	-20°C ~ +60°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%
Environmental protection	IP66, IK10 Lightning-proof 4KV	IP66, IK10 Lightning-proof 4KV	IP66 Lightning-proof 6KV	IP66 Lightning-proof 6KV	IP66 Lightning-proof 6KV
Physical characteristics	Ø130.7 x 101.7 mm 530 g	Ø130.7 x 101.7 mm 530 g	120 x 182 x 179.3 mm 1125 g	Ø164.5 x 290 mm 2000 g	Ø164.5 x 290 mm 2000 g

IP CAMERAS

	PTZ SERIES				
	HYU-949	**HYU-945**	**HYU-944**	**HYU-948**	**HYU-951**
Image sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Maximum resolution	4MP (2560 x 1440)	2MP (1920 x 1080)	2MP (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	3 streams	3 streams	3 streams	3 streams	3 streams
Lens	Zoom 25X: 4.8 ~ 120 mm 55°~2.4°(H), 33°~1.4°(V)	Zoom 25X: 4.8 ~ 120 mm 55°~2.7°(H), 31.5°~1.5°(V)	Zoom 25X: 4.8 ~ 120 mm 57°~2.5°(H), 34.4°~1.4°(V)	Zoom 25X: 4.8 ~ 120 mm 55°~2.4°(H), 33°~1.4°(V)	Zoom 25X: 4.9 ~ 189 mm 51°~2.6°(H), 29.4°~1.5°(V)
Day/Night	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)	ICR filter 0.005 Lux F1.6 (colour)
Night vision	IR illumination, 100 m	IR illumination, 50 m	-	IR illumination, 150 m	IR illumination, 200 m
Wide Dynamic Range	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB	WDR 120dB
Intelligent functions	Perimeter protection, Face detection	Perimeter protection, Face detection	Perimeter protection, Face detection	Perimeter protection, Face detection	Perimeter protection, Face detection
Positioning	360°@80°/s (PAN) -15°~90°@80°/s (TILT)	0°~360°@300°/s (PAN) -5°~90°@160°/s (TILT)	360°@250°/s (PAN) -5°~90°@150°/s (TILT)	360°@120°/s (PAN) -15°~90°@80°/s (TILT)	360°@160°/s (PAN) -15°~90°@120°/s (TILT)
Presets	300 presets 8 rounds, 4 patterns	300 presets 8 rounds, 4 patterns	300 presets 8 rounds, 4 patterns	300 presets 8 rounds, 4 patterns	300 presets 8 rounds, 4 patterns
Audio & alarm interface	1I/1O audio 1I/1O alarm	1I/1O audio 2I/2O alarm	1I/1O audio 2I/1O de alarma	1I/1O audio 2I/1O de alarma	Speaker, 1I/1O audio 2I/1O de alarma
SD slot	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB	MicroSD up to 256GB
Connectivity	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)	RJ45 (10/100M)
Power supply	12V CC, 18W PoE+ (802.3at)	12V CC, 18W PoE+ (802.3at)	12V CC, 20W PoE+ (802.3at)	24V CA, 24W PoE+ (802.3at)	24V CA, 24W Hi-PoE
Operating conditions	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%	-30°C ~ +65°C Humidity of ≤90%
Environmental protection	IP66 Lightning-proof 6KV	IP66 Lightning-proof 6KV	IP66, IK10 Lightning-proof 6KV	IP66 Lightning-proof 6KV	IP66, IK10 Lightning-proof 6KV
Physical characteristics	Ø164.5 x 290 mm 2000 g	Ø164.5 x 290 mm 2000 g	Ø220 x 280 mm 3000 g	Ø210 x 344.7 mm 3000 g	Ø220 x 363.3 mm 5000 g

ColorView SERIES

24H COLOUR IMAGE, DAY AND NIGHT

HYUNDAI ColorView camera technology has revolutionised surveillance capabilities, significantly improving image quality both day and night, even in low light conditions. This improvement is largely due to its state-of-the-art lens technology, which features a super F1.0 aperture that increases the light in the image, and high-sensitivity sensors. The combination of these elements delivers high-resolution, colour-sharp images.

Super aperture F1.0
Gathers more light for brighter images
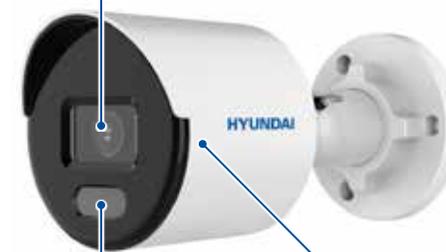
Additional light
Additional soft and warm light to ensure vivid colour images in low-light environments

Advanced sensor
Dramatically improves the use of available light

Thermal Line

Onvif **H.265+** *STARLIGHT*

THERMAL SERIES

The two most common challenges in traditional perimeter protection are frequent false alarms and poor image quality in low light. Because the uncooled focal plane array detects thermal radiation instead of visible light, thermal cameras make it possible to "see" objects and landscapes in virtually any weather and lighting condition.

HYUNDAI thermal security cameras use advanced thermal detectors that provide excellent image performance with high efficiency. They are ideal for 24/7 perimeter protection.

IP CAMERAS

		THERMAL		THERMAL DUAL		
		HYU-442	HYU-439	HYU-936	HYU-937	HYU-909
THERMAL MODULE	Thermal sensor	Uncooled vanadium oxide FPA sensor	Uncooled vanadium oxide FPA sensor	Uncooled vanadium oxide FPA sensor	Uncooled vanadium oxide FPA sensor	Uncooled vanadium oxide FPA sensor
	Thermal resolution	CIF+ (384 x 288) at 50 fps	CIF+ (384 x 288) at 50 fps	SCIF (256 x 192) at 25 fps	SCIF (256 x 192) at 25 fps	CIF+ (384 x 288) at 25 fps
	Thermal Lens	25 mm 14.88°(H), 11.19°(V)	7 mm 60°(H), 43.8°(V)	3.6 mm 50°(H), 37.3°(V)	6.9 mm 24.9°(H), 18.7°(V)	15 mm 24.5°(H), 18.5°(V)
	Effective distances	Detects people at 735 m Detects vehicles at 2255 m Measures temp. at 585 m Detects fire at 1470 m	Detects people at 206 m Detects vehicles at 631 m Measures temp. at 164 m Detects fire at 412 m	Detects people at 150 m Detects vehicles at 460 m	Detects people at 287 m Detects vehicles at 881 m	Detects people at 441 m Detects vehicles at 1353 m Measures temp. at 351 m Detects fire at 441 m
	Temperature range	-20°C ~ 150°C (±8°C)	-20°C ~ 150°C (±8°C)	-20°C ~ 150°C ±8°C	-20°C ~ 150°C ±8°C	-20°C ~ 150°C (±8°C)
OPTICAL MODULE	Image sensor	-	-	CMOS 1/2,7"	CMOS 1/2,7"	1/2.7" CMOS
	Optical resolution	-	-	4MP (2680 x 1520) at 25/30 fps	4MP (2680 x 1520) at 25/30 fps	4MP (2680 x 1520) at 25/30 fps
	Lens	-	-	4.3 mm 84°(H), 43°(V)	6.4 mm 53°(H), 28°(V)	6 mm 51.7°(H), 28°(V)
	Day/Night	-	-	ICR filter 0.0089 Lux F1.6 (colour)	ICR filter 0.0089 Lux F1.6 (colour)	ICR filter 0.0089 Lux F1.6 (colour)
	Night vision	-	-	IR illumination, 30 m	IR illumination, 30 m	IR illumination, 40 m
	Wide Dynamic Range	-	-	WDR 120dB	WDR 120dB	WDR 120dB
	Video formats & streaming	H.265+/H.265/H.264+/H.264 3 streams	H.265+/H.265/H.264+/H.264 3 streams	H.265+/H.265/H.264+/H.264 2 streams	H.265+/H.265/H.264+/H.264 2 streams	H.265+/H.265/H.264+/H.264 2 streams
	Intelligent functions	Temperature measurement, Fire detection	Temperature measurement, Fire detection	Perimeter protection, Temperature measurement	Perimeter protection, Temperature measurement	Perimeter protection, Temperature measurement, Fire detection
	Audio & alarm interface	1I/1O audio 2I/2O alarm	1I/1O audio 2I/2O alarm	1I/1O audio 2I/2O alarm	1I/1O audio 2I/2O alarm	1I/1O audio 2I/2O alarm
	SD slot & connectivity	MicroSD up to 128GB RJ45, BNC	MicroSD up to 128GB RJ45, BNC	MicroSD up to 256GB RJ45, RS485, BNC	MicroSD up to 256GB RJ45, RS485, BNC	MicroSD up to 256GB RJ45, RS485, BNC
	Power supply	24V CA, 12V CC, 8W PoE+ (802.3at), 8W	24V CA, 12V CC, 8W PoE+ (802.3at), 8W	24V CA, 12V CC, 8.5W PoE (802.3af), 8.5W	24V CA, 12V CC, 8.5W PoE (802.3af), 8.5W	24V CA, 12V CC, 9W PoE (802.3af), 9.5W
	Operating conditions	-40°C ~ +65°C Humidity of ≤90%	-40°C ~ +65°C Humidity of ≤90%	-40°C ~ +65°C Humidity of ≤95%	-40°C ~ +65°C Humidity of ≤95%	-40°C ~ +65°C Humidity of ≤95%
	Environmental protection	IP66 Lightning-proof 6KV	IP66 Lightning-proof 6KV	IP67, IK10 Lightning-proof 4KV	IP67, IK10 Lightning-proof 4KV	IP66 Lightning-proof 4KV
	Physical characteristics	314 x 104 x 292.7 mm 2000 g	314 x 104 x 292.7 mm 2000 g	106 x 107 x 321 mm 1550 g	106 x 107 x 321 mm 1550 g	119 x 118 x 376 mm 1820 g

TRIPWIRE
DETECTION

FIRE
DETECTION

Thermal Pro Line

INTRUSION
DETECTION

TEMPERATURE
EXCEPTION

THERMAL SURVEILLANCE WITH INTELLIGENT PERIMETER PROTECTION

HYUNDAI is dedicated to creating professional protection solutions for the mass market. Our new thermal imaging cameras of the Thermal Pro series do exactly that - perimeter protection with unrivalled precision and fire prevention with superlative sensitivity.

With deep learning video analytics in all weather and lighting conditions, these cameras hit the mark in both cost and performance for a wide variety of residential, commercial and industrial applications.

Solutions Line

Onvif   **H.265+**

SOLUTIONS

Often, end-users or system integrators are forced to purchase and assemble various parts themselves to build a stand-alone security system in cases where power and internet are not available. This process requires a lot of design work and time to find the right parts, and results in excess costs and energy consumption, as well as low stability and difficulty in using the system.

But now, one person can install the HYUNDAI solution, which offers great cost-effectiveness and stability, and is very easy to use.

IP CAMERAS

	PANORAMIC VIEW	STAND-ALONE SOLAR		LICENCE PLATES	FACE DETECTION
	HYU-953	HYU-1062	HYU-955 ColorView	HYU-930	HYU-952
Image sensor	1/1.7" CMOS	1/3" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/2.5" CMOS
Maximum resolution	12MP (4000 x 3000)	4MP (2560 x 1440)	4MP (2688 x 1520)	2MP (1920 x 1080)	4MP (2688 x 1520)
Video formats	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG	H.265+, H.265, H.264+, H.264, MJPEG
Streams	2 streams	2 streams	2 streams	5 streams	5 streams
Lens	2 mm 180°(wall), 360°(ceiling)	4 mm 79°(H), 43°(V)	4 mm 95°(H), 51°(V)	Motorised 2.8 ~ 12 mm 114.5°~42°(H), 59°~23°(V)	Motorised 4.7 ~ 118 mm 58°~2.8°(H), 32.3°~1.6°(V)
Day/Night	ICR filter 0.082 Lux F2.8 (colour)	ICR filter 0.01 Lux F1.6 (colour)	Colour 24/7 0.0005 Lux F1.0	ICR filter 0.0005 Lux F1.2 (colour)	ICR filter 0.009 Lux F1.6 (colour)
Night vision	IR illumination, 15 m	IR illumination, 30 m	White light, 30 m	Smart IR, 50 m	Smart IR, 200 m
Image modes	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, 3D-DNR	BLC, HLC, EIS, 3D-DNR	BLC, HLC, EIS, 3D-DNR
Wide Dynamic Range	Digital WDR	Digital WDR	WDR 120dB	WDR 140dB	WDR 140dB
Special functions	Perimeter protection, Acoustic exceptions	People detection by PIR sensor	People detection by PIR sensor	LPR on camera, 10 000 number plates, Vehicle attributes, Metadata	Perimeter protection, Face detection / recognition, Up to 60 targets
Audio & alarm interface	2 Microphones, Speaker, 1I/1O audio, 1I/1O alarm	Microphone & Speaker	Microphone & Speaker	1I/1O audio 2I/2O alarm	1I/1O audio 2I/2O alarm
SD slot	MicroSD up to 256GB	MicroSD up to 256GB (8GB eMMC included)	MicroSD up to 256GB (64GB eMMC included)	MicroSD up to 256GB	MicroSD up to 256GB
Connectivity	RJ45 (10/100/1000M)	RJ45 (10/100M) 4G LTE	RJ45 (10/100M) 4G LTE	RJ45 (10/100/1000M) Wiegand, RS485	RJ45 (10/100/1000M)
Power supply	12V CC, 11W PoE (802.3af), 12W	Solar panel, 51,46Wh battery, 12V CC, 7W	Solar panel 40W, 23Ah battery, 12V CC, 1.85W	12V CC, 14.3W PoE+ (802.3at), 16.8W	12V CC, 12.2W, 24V CA, 11.5W, PoE+ (802.3at)
Operating conditions	-40°C ~ +60°C Humidity of ≤95%	0°C ~ +50°C Humidity of ≤95%	-30°C ~ +50°C Humidity of ≤95%	-40°C ~ +60°C Humidity of ≤95%	-40°C ~ +60°C Humidity of ≤95%
Environmental protection	IP67, IK10	IP67	IP67	IP67, IK10, NEMA 4X	IP67, IK10
Physical characteristics	167.4 x 152.8 x 55 mm 1400 g	292.4 x 188.7 x 213.7 mm 1420 g	760 x 614 x 390.5 mm 1180 g	Ø144 x 347 mm 1900 g	Ø144 x 375 mm 2130 g
Angle adjustment	-	Solar panel: ±45°(H), ±30°(V)	Solar panel: 358°(H), ±40°(V) Camera: 360°(H), -60°~0°(V)	-	3AXIS 355°(H), 90°(V), 360°(R)

NVR

NVR

4K ULTRA HD · aisense · Onvif · **H.265+**

High quality cameras deserve a top quality NVR. All-in-one NVRs are packed with powerful features, supporting up to 32 MP resolution for recording. Up to 4K definition output is now supported by all NVR models, from entry-level to professional models.

For data security, HYUNDAI network video recorders provide ANR, RAID and N+1 active standby functions, ensuring stable and reliable video recording. Thanks to deep learning units, HYUNDAI's video recording is more powerful and intelligent than ever.

IP RECORDERS

	NVR				
	HYU-707 Wi Fi	**HYU-708** Wi Fi	**HYU-525N**	**HYU-523N**	**HYU-526N**
IP Inputs	4 inputs	8 inputs	4 inputs	4 inputs	8 inputs
Recording resolution	4MP, 3MP, 1080P, 1.3MP, 720P	4MP, 3MP, 1080P, 1.3MP, 720P	6MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, D1, etc.	6MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, D1, etc.	6MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, D1, etc.
Video formats	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
Decoding	4 channels 4MP at 12 fps 4 channels 1080P at 25 fps	4 channels 4MP at 12 fps 4 channels 1080P at 25 fps	1 channel 6MP at 30 fps 2 channels 4MP at 30 fps 4 channels 1080P at 30 fps	1 channel 6MP at 30 fps 2 channels 4MP at 30 fps 4 channels 1080P at 30 fps	1 channel 6MP at 30 fps 2 channels 4MP at 30 fps 4 channels 1080P at 30 fps
Bandwidth	Input: 50 Mbps Output: 40 Mbps	Input: 50 Mbps Output: 40 Mbps	Input: 40 Mbps Output: 60 Mbps	Input: 40 Mbps Output: 60 Mbps	Input: 60 Mbps Output: 60 Mbps
Video outputs	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (1080P) 1 VGA (1080P)
Synchronous playback	4 channels	8 channels	4 channels	4 channels	8 channels
Audio interface	1 audio output	1 audio output	-	-	-
Alarm interface	-	-	-	-	-
Intelligent functions	Tripwire and intrusion detection	Tripwire and intrusion detection	Tripwire and intrusion detection	Tripwire and intrusion detection	Tripwire and intrusion detection
Storage	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 6TB)
Connectivity	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz 2 USB 2.0	RJ45 (10/100M) WiFi 802.11b/g/n at 2.4GHz 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0
Remote connections	16	16	16	16	16
Power supply	12V CC, ≤12W	12V CC, ≤12W	12V CC, ≤10W	48V CC, ≤10W	12V CC, ≤10W
PoE output	-	-	-	4 PoE ports+ (802.3af/at) PoE budget of ≤36W	-
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%
Format	Desktop / Rack Mini 1U	Desktop / Rack Mini 1U	Desktop	Desktop	Desktop
Physical characteristics	265 x 246 x 48 mm 1600 g	246 x 246 x 48 mm 1000 g	200 x 200 x 48 mm 1000 g	200 x 200 x 48 mm 1000 g	200 x 200 x 48 mm 1000 g

IP RECORDERS

	NVR							
	HYU-524N	**HYU-755N** MOTION DETECTION 2.0	**HYU-1070** MOTION DETECTION 2.0	**HYU-1041** MOTION DETECTION 2.0	**HYU-754N** MOTION DETECTION 2.0	**HYU-972** MOTION DETECTION 2.0	**HYU-1064** MOTION DETECTION 2.0	**HYU-971** MOTION DETECTION 2.0
IP Inputs	8 inputs	4 inputs	8 inputs	16 inputs	16 inputs	8 inputs	16 inputs	16 inputs
Recording resolution	6MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, D1, etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, etc.	8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, VGA, etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, etc.	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, UXGA, 720P, etc.
Video formats	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264
Decoding	1 channel 6MP at 30 fps 2 channels 4MP at 30 fps 4 channels 1080P at 30 fps	1 channel 8MP at 30 fps 5 channels 1080P at 30 fps	1 channel 8MP at 30 fps 3 channels 4MP at 30 fps 6 channels 1080P at 30 fps	1 channel 8MP at 30 fps 3 channels 4MP at 30 fps 6 channels 1080P at 30 fps	1 channel 8MP at 30 fps 5 channels 1080P at 30 fps	16 channels 1080P at 30 fps	1 channel 12MP at 30 fps 2 channels 8MP at 30 fps 4 channels 4MP at 30 fps	16 channels 1080P at 30 fps
Bandwidth	Input: 60 Mbps Output: 60 Mbps	Input: 40 Mbps Output: 80 Mbps	Input: 80 Mbps Output: 80 Mbps	Input: 160 Mbps Output: 80 Mbps	Input: 160 Mbps Output: 80 Mbps	Input: 80 Mbps Output: 256 Mbps	Input: 160 Mbps Output: 160 Mbps	Input: 160 Mbps Output: 256 Mbps
Video outputs	1 HDMI (1080P) 1 VGA (1080P)	1 HDMI (4K) 1 VGA (1080P)	1 HDMI (4K) 1 VGA (1080P)	1 HDMI (4K) 1 VGA (1080P)	1 HDMI (4K) 1 VGA (1080P)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	1 HDMI (4K) 1 VGA (1080P)	1 HDMI (4K) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)
Synchronous playback	8 channels	4 channels	8 channels	16 channels	16 channels	8 channels	16 channels	16 channels
Audio interface	-	1I/1O audio	1I/1O audio	1I/1O audio	1I/1O audio	1I/1O audio	1I/1O audio	1I/1O audio
Alarm interface	-	-	-	-	-	4I/1O alarm	4I/1O alarm	4I/1O alarm
Intelligent functions	Tripwire and intrusion detection	Motion detection 2.0	Motion detection 2.0	Motion detection 2.0	Motion detection 2.0	Motion detection 2.0 Perimeter protection Face recognition	Motion detection 2.0 Perimeter protection Face recognition	Motion detection 2.0 Perimeter protection Face recognition
Storage	1 HDD SATA (up to 6TB)	1 HDD SATA (up to 8TB)	1 HDD SATA (up to 8TB)	1 HDD SATA (up to 8TB)	2 HDD SATA (up to 8TB)	2 HDD SATA (up to 10TB)	2 HDD SATA (up to 10TB)	2 HDD SATA (up to 10TB)
Connectivity	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100M) 2 USB 2.0	RJ45 (10/100/1000M) 2 USB 2.0	RJ45 (10/100/1000M) 2 USB 2.0	RJ45 (10/100/1000M) 1 USB 2.0, 1 USB 3.0	RJ45 (10/100/1000M) 2 USB 2.0	RJ45 (10/100/1000M) 1 USB 2.0, 1 USB 3.0
Remote connections	16	32	32	32	32	128	128	128
Power supply	48V CC, ≤10W	48V CC, ≤10W	48V CC, ≤10W	12V CC, ≤10W	100V ~ 240 CA, ≤15W	100V ~ 240 CA, ≤15W	12V CA, ≤15W	100V ~ 240 CA, ≤15W
PoE output	8 PoE ports+ (802.3af/at) PoE budget of ≤75W	4 PoE ports+ (802.3af/at) PoE budget of ≤50W	8 PoE ports+ (802.3af/at) PoE budget of ≤75W	-	16 PoE ports+ (802.3af/at) PoE budget of ≤150W	8 PoE ports+ (802.3af/at) PoE budget of ≤120W	-	16 PoE ports+ (802.3af/at) PoE budget of ≤200W
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%
Format	Desktop	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack	Desktop / 1U Rack
Physical characteristics	285 x 210 x 48 mm 1000 g	320 x 240 x 48 mm 1000 g	320 x 240 x 48 mm 1000 g	320 x 240 x 48 mm 1000 g	385 x 315 x 52 mm 2600 g	385 x 315 x 52 mm 2700 g	385 x 315 x 52 mm 1000 g	385 x 315 x 52 mm 3000 g

IP RECORDERS

	NVR		
	HYU-1022 MOTION DETECTION 2.0	**HYU-1042** MOTION DETECTION 2.0	**HYU-1069**
IP Inputs	32 inputs	32 inputs	64 inputs
Recording resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, etc.	32MP, 24MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, etc.	32MP, 24MP, 12MP, 8MP, 7MP, 6MP, 5MP, 4MP, 3MP, etc.
Video formats	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264	H.265+, H.265, H.264+, H.264, MPEG4
Decoding	1 channel 12MP at 30 fps 2 channels 8MP at 30 fps 4 channels 4MP at 30 fps	16 channels 1080P at 30 fps	2 channels 32MP at 30 fps 10 channels 8MP at 30 fps 20 channels 4MP at 30 fps
Bandwidth	Input: 256 Mbps Output: 160 Mbps	Input: 256 Mbps Output: 256 Mbps	Input: 400 Mbps Output: 400 Mbps
Video outputs	HDMI (4K) 1 VGA (1080P)	HDMI 1(4K), HDMI 2(1080P) 1 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)	HDMI 1(8K), HDMI 2 (4K), 2 VGA (1080P) 1 BNC (1.0 Vp-p, 75 Ω)
Synchronous playback	16 channels	16 channels	16 channels
Audio interface	1I/1O audio	1I/1O audio	1I/2O audio
Alarm interface	16I/4O alarm	16I/4O alarm	16I/9O alarm
Intelligent functions	Motion detection 2.0 Perimeter protection Face recognition	Motion detection 2.0 Perimeter protection Face recognition	Intelligent functions from the camera configurable, POS Overlay
Storage	4 HDD SATA (up to 10TB)	4 HDD SATA (up to 10TB) 1 eSATA interface	8 HDD SATA (up to 16TB) 1 eSATA interface
Connectivity	RJ45 (10/100/1000M) 2 USB 2.0, 1 USB 3.0, 2 RS485, 1 RS232	RJ45 (10/100/1000M) 2 USB 2.0, 1 USB 3.0, RS485	2 RJ45 (10/100/1000M) 2 USB 2.0, 2 USB 3.0, 1 RS485, 1 RS232
Remote connections	128	128	128
Power supply	100V ~ 240 CA, ≤20W	100V ~ 240 CA, ≤30W	100V ~ 240 CA, ≤30W
PoE output	16 PoE ports+ (802.3af/at) PoE budget of ≤200W	-	-
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%
Format	Desktop / Rack 1.5U	Desktop / Rack 1.5U	Desktop / Rack 3U
Physical characteristics	445 x 400 x 75 mm 5000 g	445 x 400 x 75 mm 5600 g	445 x 465 x 92 mm 10 000 g

aisense

PROACTIVE INTELLIGENCE IN THE SERVICE OF VIDEO SURVEILLANCE

HYUNDAI's AiSense technology is the perfect smart surveillance solution for residential, small and medium-sized businesses, as well as industrial environments. Based on artificial intelligence, AiSense incorporates deep learning algorithms that increase the efficiency of the equipment providing greater reliability and security, thanks to its main feature: the discrimination of people and vehicles.

The AiSense product family offers a complete alarm system including front-end and back-end devices, both analogue and IP, with real-time communication through different management platforms in mobile or desktop version, such as HYU-CONNECT or HYU-VMS.

PEOPLE AND VEHICLE DETECTION

Human and vehicle intrusions are the most common perimeter protection concerns. However, conventional security surveillance systems lack the ability to classify by object type, resulting in a myriad of false alarms. AiSense technology detects targets, distinguishing people and vehicles from other moving objects.

VIDEO DOOR PHONE

HYUNDAI video door systems are an advanced communication solution that offers a personalised and enjoyable experience. With a 2 MP Fisheye camera, WDR and night vision, they provide crisp and clear images at any time of the day. Their simple controls and multiple applications offer a wide variety of options for access control and lift control.

And with multiple verification methods such as face, fingerprint, card and PIN code, these systems are highly secure and reliable. The sleek design and integration with CCTV also make them an attractive and secure option for any environment.

HYUNDAI video door systems are an advanced and complete solution offering the best picture quality, ease of use, security and elegant design.

VIDEO INTERCOM

	MODULAR VIDEO INTERCOM				
	HYU-1061	HYU-713	HYU-714	HYU-715	HYU-716
Tipo de módulo	Main unit	Keyboard module	Card reader module	Card reader module	Blind panel module
Operational method	1 physical button	12-button keypad	Card reader Integrated Mifare 13.56MHz	Card reader Integrated EM 125KHz	-
Camera	2MP fisheye camera	-	-	-	-
Video formats	H.264	-	-	-	-
Resolution	Stream 1: 1080P Stream 2: 720x480	-	-	-	-
Night vision	IR Supplement	-	-	-	-
Wide Dynamic Range	WDR	-	-	-	-
Audio	Omnidirectional Microphone Speaker	-	-	-	-
Access control	2 REX button inputs 2 door sensor inputs	-	-	-	-
Inputs	4 inputs	1 input (module)	1 input (module)	1 input (module)	-
Inputs	2 lock release outputs	1 output (module)	1 output (module)	1 output (module)	-
Connectivity	RJ45 (10/100M) RS485	RS485	RS485	RS485	-
Protocols	TCP/IP, RTSP	-	-	-	-
Power supply	12V CC, ≤5W PoE (802.3af)	12V CC, ≤2W (powered by another module)	12V CC, ≤2W (powered by another module)	12V CC, ≤2W (powered by another module)	-
Operating conditions	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-
Environmental protection	IP65	IP65, IK07	IP65	IP65	-
Physical characteristics	100 x 98 x 42 mm 410 g	100 x 98.5 x 34.2 mm 265 g	100 x 98.5 x 33.7 mm 160 g	100 x 98.5 x 33.7 mm 160 g	100 x 98.5 x 33.7 mm
Installation	Surface and flush-mounted	Surface and flush-mounted	Surface and flush-mounted	Surface and flush-mounted	Surface and flush-mounted

VIDEO INTERCOM

	VIDEO DOOR BELL	2-WIRE VIDEO DOOR
	HYU-724N	HYU-831
Camera	2MP camera	2MP fisheye camera
Video formats	H.264	H.264
Resolution	Stream 1: 1080P, 720P Stream 2: D1	Stream 1: 1080P, 720P Stream 2: 720x480
Night vision	IR Supplement, 3 m	IR Supplement
Wide Dynamic Range	True WDR	True WDR
Audio	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker
Audio modes	Noise suppression & echo cancellation	Noise suppression & echo cancellation
Access control	-	2 REX button inputs 2 door sensor inputs
Alarm inputs	1 input	4 inputs
Output interface	-	2 lock release outlets
Connectivity	RJ45 (10/100M)	2-Wire RS485 (submódules)
Power supply	12V CC, ≤10W PoE (802.3af)	24V CC (2-Wire), 16W 12V CC, 20W
Operating conditions	-30°C ~ +50°C Humidity of 10%~90%	-40°C ~ +60°C Humidity of 10%~95%
Environmental protection	IP65, IK09	IP65
Physical characteristics	74 x 162 x 53 mm 773 g	98 x 98 x 44 mm 375 g
Installation	Surface	Wall

VIDEO INTERCOM

	MONITORS		
	HYU-1043	HYU-723 (WiFi)	HYU-834 (WiFi)
Display	7" full colour TFT LCD	7" full colour TFT LCD	7" full colour TFT LCD
Operational method	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Resolution	1024 x 600	1024 x 600	1024 x 600
Audio formats	G.711U	G.711U	G.711U
Audio	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker
Audio modes	Noise suppression & echo cancellation	Noise suppression & echo cancellation	Noise suppression & echo cancellation
Events	200 events	200 events	-
Alarm interface	8 inputs	8I/20 alarm	8I/20 alarm
SD slot	MicroSD (TF) up to 128GB	MicroSD (TF) up to 128GB	MicroSD (TF) up to 32GB
Device sub-connection	Up to 5 monitors, up to 8 video door phones	Up to 5 monitors, up to 8 video door phones	-
Connectivity	RJ45 (10/100M)	RJ45 (10/100M) WiFi 802.11b/g/n RS485	2-Wire WiFi 802.11b/g/n RS485
Protocols	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Power supply	12V CC, ≤6W PoE (802.3af)	12V CC, ≤6W PoE (802.3af)	24V CC (2-Wire), ≤6W
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +50°C Humidity of 0%~90%
Physical characteristics	200 x 140 x 15.1 mm 350 g	200 x 140 x 15.1 mm 355 g	200 x 140 x 15.1 mm 350 g
Installation	Surface	Surface	Surface

VIDEO INTERCOM

	HOUSINGS AND BRACKETS							
	HYU-829	**HYU-830**	**HYU-720**	**HYU-721**	**HYU-717**	**HYU-718**	**HYU-719**	**HYU-815**
Compatibility	2 video intercom modules	3 video intercom modules	1 video intercom module	2 video intercom modules	1 video intercom module	2 video intercom modules	3 video intercom modules	Indoor monitors
Material	SECC	SECC	Aluminio de aviación	Aluminio de aviación	Aluminio de aviación	Aluminio de aviación	Aluminio de aviación	SUS430, gel de sílice
Operating conditions	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-40°C ~ +60°C Humidity of 10%~95%	-10°C ~ +55°C Humidity of 10%~90%
Physical characteristics	116.4 x 224 x 58 mm 500 g	116.4 x 325.8 x 58 mm 702 g	Cubierta: 134 x 124 x 4 mm Cajetín: 134 x 135 x 56 mm	Cubierta: 124 x 236 x 4 mm Cajetín: 134 x 237 x 56 mm	Cubierta: 107 x 117 x 4 mm Cajetín: 107 x 117 x 33 mm	Cubierta: 107 x 219 x 4 mm Cajetín: 107 x 219 x 33 mm	Cubierta: 107 x 321 x 4 mm Cajetín: 107 x 321 x 33 mm	122 x 86 x 64 mm
Installation	Surface	Surface	Flush	Flush	Surface	Surface	Surface	Desktop

VIDEO INTERCOM

	2-WIRE DISTRIBUTORS	
	HYU-832	**HYU-833**
Ethernet	RJ45 (10/100M)	RJ45 (10/100M)
2-wire interface	6 channels	6 channels for data exchange
Power supply	24V CC, <9W	24V CC, <7W
Operating conditions	-10°C ~ +50°C Humidity of 10%~90%	-10°C ~ +50°C Humidity of 10%~90%
Physical characteristics	112.2 x 111 x 66 mm	112.2 x 111 x 66 mm
Installation	DIN rail	DIN rail

VIDEO INTERCOM

	POWER SUPPLY
	HYU-827
Voltage	Input: 85V ~ 264V CA Output: 24V CC
Output current	2.5A
Power output	60W
Operating conditions	-30°C ~ +70°C Humidity of 20%~90%
Physical characteristics	52.5 x 90 x 54.5 mm
Installation	DIN rail

VIDEO INTERCOM

		IP KITS				2-WIRE KITS	
		HYU-1047 WiFi	**HYU-1045** WiFi	**HYU-1046** WiFi	**HYU-1048** WiFi	**HYU-1044**	**HYU-1049** WiFi
OUTDOOR VIDEO INTERCOM	Camera	2MP camera with true WDR and night vision	2MP fisheye camera with true WDR and night vision	2MP fisheye camera with true WDR and night vision	2MP camera with true WDR and night vision	2MP camera with true WDR and night vision	2MP camera with true WDR and night vision
	Audio	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker	Omnidirectional microphone & Speaker
	Alarm interface	4 alarm inputs	4 alarm inputs	4 alarm inputs	4 alarm inputs	4 alarm inputs	4 alarm inputs
	Network	RJ45 (10/100M) TCP/IP, RTSP	RJ45 (10/100M) TCP/IP, RTSP	RJ45 (10/100M) TCP/IP, RTSP	RJ45 (10/100M) WiFi 802.11b/g/n TCP/IP, RTSP	-	-
	Power supply	12V CC, ≤10W PoE (802.3af)	12V CC, ≤10W PoE (802.3af)	12V CC, ≤10W PoE (802.3af)	12V CC, ≤10W PoE (802.3af)	48V CC, ≤12W	From IP distributor, ≤4W
	Environmental protection	IP65	IP65	IP65	IP65, IK08	IP65, IK07	IP65
	Installation	Surface	Emportrado	Surface	Surface	Surface	Surface / Flush
INDOOR MONITOR	Display	Capacitive touch with 7" full colour TFT LCD	Capacitive touch with 7" full colour TFT LCD	Capacitive touch with 7" full colour TFT LCD	Capacitive touch with 7" full colour TFT LCD	7" full colour TFT LCD con 6 botones táctiles	Capacitive touch with 7" full colour TFT LCD
	Resolution	1024 x 600	1024 x 600	1024 x 600	1024 x 600	1024 x 600	1024 x 600
	Audio	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker	Microphone & Speaker
	Alarm interface	8I/2O alarm	8I/2O alarm	8I/2O alarm	8I/2O alarm	-	8I/2O alarm
	Network	RJ45 (10/100M) WiFi 802.11b/g/n TCP/IP, SIP, RTSP	RJ45 (10/100M) WiFi 802.11b/g/n TCP/IP, SIP, RTSP	RJ45 (10/100M) WiFi 802.11b/g/n TCP/IP, SIP, RTSP	RJ45 (10/100M) WiFi 802.11b/g/n TCP/IP, SIP, RTSP	-	2-Wire (10/100M) WiFi 802.11b/g/n TCP/IP, SIP, RTSP
	Power supply	12V CC, ≤6W PoE (802.3af)	12V CC, ≤6W PoE (802.3af)	12V CC, ≤6W PoE (802.3af)	12V CC, ≤6W PoE (802.3af)	48V CC, ≤5W	From IP distributor, ≤4W
	Installation	Surface	Surface	Surface	Surface	Surface	Surface
	Kit components	1 Outdoor video intercom 1 Indoor monitor	1 Outdoor video intercom 1 Indoor monitor 1 c 1 16GB TF card	1 Outdoor video intercom 1 Indoor monitor 1 4-port PoE switch 1 16GB TF card	1 Outdoor video intercom 1 Indoor monitor 1 4-port PoE switch 1 16GB TF card	1 Outdoor video intercom 1 Indoor monitor 1 Power supply	1 Outdoor video intercom 1 Indoor monitor 1 2-Wire IP Distributor 1 16GB TF card

TRANSMISSION AND DISPLAY

HYUNDAI video transmission and display products are essential tools for security and surveillance. HYUNDAI camera control joysticks allow intuitive and precise navigation of the security camera. The joysticks feature a wide range of functions including pan, tilt and zoom, allowing the user to easily control the direction and focus of the camera.

On the other hand, the switches provide high-quality video transmission, enabling clear, real-time viewing of multiple security cameras. The switches are available in different ports and sizes, making them ideal for a variety of surveillance environments.

TRANSMISSION AND DISPLAY

CONTROL KEYBOARDS			
	HYU-1023	HYU-195N	HYU-354
Joystick	3 AXIS	4 AXIS	4 AXIS
Display	-	LCD 128 x 64	LCD 128 x 64
Connectivity	USB 2.0	RS232, RS422, RS485, USB 2.0	RJ45 (10/100M), RS232, RS422, RS485, USB 2.0
Power supply	5V CC, <5W	12V CC, <4.5W	12V CC, <4.5W
Operating conditions	-10°C ~ +50°C Humidity of 10%~90%	-10°C ~ +50°C Humidity of 10%~90%	-10°C ~ +50°C Humidity of 10%~90%
Physical characteristics	167 x 177.5 x 116 mm 550 g	435 x 110 x 193 mm 1000 g	435 x 110 x 193 mm 1000 g

TRANSMISSION AND DISPLAY

SWITCHES			
	HYU-1065	HYU-1066	HYU-1071
Ports	1 Hi-PoE (10/100M) 3 PoE (10/100M) 2 RJ45 uplink (10/100M)	8 PoE (10/100M) 1 RJ45 uplink (10/100M)	16 PoE (10/100M) 1 RJ45 uplink (1000M) 1 combo uplink port (1000M)
CCTV mode	300 meters (10M) 150 meters (Hi-PoE)	300 meters (10M)	300 meters (10M)
Bandwidth	1.2 Gbps	3.6 Gbps	7.2 Gbps
PoE budget	60W	110W	130W
Power supply	48V CC, <2W	48V CC, <5W	100V ~ 240V CA, 50/60Hz
Operating conditions	-10°C ~ +55°C Humidity of 5%~95%	0°C ~ +40°C Humidity of 5%~95%	0°C ~ +45°C Humidity of 5%~95%
Physical characteristics	145 x 25.6 x 68.45 mm 245 g	170 x 27.6 x 93.1 mm 350 g	335 x 226 x 44,5 mm

MONITORS

HYUNDAI's heavy-duty monitors are specially designed for security and control centre environments. With professional displays and crisp, bright image clarity, these monitors are ideal for all essential monitoring needs, 24 hours a day, 7 days a week.

MONITORS

	DESKTOP MONITOR	
	HYU-923	HYU-940
Inches	21.5"	27"
Aspect ratio	16:9	16:9
Native resolution	1080P (1920 x 1080)	4K (3840 x 2160)
F.O.V.	178°(H), 178°(V)	178°(H), 178°(V)
Brightness	220 cd/m2	300 cd/m2
Contrast	1000:1	1000:1
Colours	16.7 million	1070 million
Response time	8 ms	5 ms
Input interface	1 HDMI, 1 VGA	2 HDMI, 2 Display Port
Output interface	-	-
Power supply	12V CC, 22W	12V CC, 45W
Operating conditions	-10°C ~ +55°C Humidity of 10%~90%	-10°C ~ +55°C Humidity of 10%~90%
VESA	100 x 100	100 x 100
Physical characteristics	472.7 x 370.3 mm	623.8 x 460.3 x 190 mm

TRANSMISSION AND DISPLAY

	AMPLIFIER
	HYU-447
Transmission	Video (VGA)
Distance	35 meters

MONITORS

	PROFESSIONAL MONITOR			
	HYU-994	**HYU-995**	**HYU-459**	**HYU-459-POE**
Inches	10.1"	15"	22"	22"
Aspect ratio	16:9	4:3	16:9	16:9
Native resolution	SVGA (1024 x 600)	SVGA (1024 x 768)	1080P (1920 x 1080)	1080P (1920 x 1080)
F.O.V.	160°(H), 150°(V)	170°(H), 150°(V)	178°(H), 178°(V)	178°(H), 178°(V)
Brightness	250 cd/m2	250 cd/m2	350 cd/m2	350 cd/m2
Contrast	600:1	600:1	1000:1	1000:1
Colours	-	-	16.7 million	16.7 million
Response time	12 ms	8 ms	5 ms	5 ms
Audio	2 x 1W speakers	-	-	1I/10
Input interface	1 HDMI, 2 BNC, 1 VGA	1 HDMI, 1 BNC, 1 VGA	1 HDMI, 1 BNC (CVI 4MP, TVI 5MP, AHD 5MP), 1 VGA	2 HDMI, 1 VGA, 1 POE
Output interface	1 BNC	1 BNC	1 BNC	1 LAN
Power supply	12V CC, ≤6W	12V CC, <20W	12V CC, ≤20W	12V ~ 24V CC, ≤20W
Operating conditions	0°C ~ +40°C	0°C ~ +40°C Humidity of 5%~95%	-30°C ~ +85°C	-30°C ~ +85°C
VESA	75 x 75	75 x 75	75 x 75	75 x 75
Physical characteristics	255 x 183 mm	1500 g	476.6 x 268.1 mm	476.6 x 268.1 mm

TWISTED PAIR

HDCVI™ HDTVI AHD CVBS

Our twisted pair video transmission solutions are ideal for applications in professional environments such as conference rooms, security control centres, broadcasting facilities and more. With our solutions, you can transmit real-time video over existing twisted pair cables, saving infrastructure costs.

VIDEO TRANSMISSION

		PASSIVE TRANSCEIVER				
		HYU-1050	HYU-155	HYU-157N	HYU-158	HYU-156
Transmission		Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD)
Distances	CVI 720P	400 meters	400 meters	300 meters	300 meters	400 meters
	CVI 1080P	250 meters	250 meters	200 meters	200 meters	250 meters
	CVI 4MP	200 meters	-	-	-	-
	TVI 720P	250 meters	250 meters	300 meters	300 meters	250 meters
	TVI 1080P	250 meters	250 meters	200 meters	200 meters	250 meters
	TVI 4MP	200 meters	-	-	-	-
	AHD 720P	350 meters	350 meters	200 meters	200 meters	350 meters
	AHD 1080P	200 meters	200 meters	-	-	200 meters
	AHD 4MP	200 meters	-	-	-	-

VIDEO TRANSMISSION

		PASSIVE TRANSCEIVER				
		HYU-159	HYU-160N	HYU-2834	HYU-402	HYU-635
Transmission		Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD)	Video (CVI, TVI, AHD) Power (100 meters)	Video (CVI, TVI, AHD, CVBS)
Distances	CVI 720P	400 meters	300 meters	450 meters	400 meters	400 meters
	CVI 1080P	250 meters	200 meters	250 meters	250 meters	250 meters
	CVI 4MP	-	-	-	200 meters	200 meters
	CVI 5MP	-	-	-	-	200 meters
	CVI 8MP	-	-	-	-	200 meters
	TVI 720P	250 meters	300 meters	250 meters	250 meters	250 meters
	TVI 1080P	250 meters	200 meters	250 meters	250 meters	250 meters
	TVI 4MP	-	-	-	200 meters	200 meters
	TVI 5MP	-	-	-	-	200 meters
	TVI 8MP	-	-	-	-	150 meters
	AHD 720P	350 meters	200 meters	320 meters	350 meters	350 meters
	AHD 1080P	200 meters	-	220 meters	200 meters	200 meters
	AHD 4MP	-	-	-	200 meters	200 meters
	AHD 5MP	-	-	-	-	200 meters
	AHD 8MP	-	-	-	-	180 meters
	CVBS 960H	-	-	-	-	400 meters

TESTERS

CCTV testers allow you to check the image quality of your security cameras and make sure the cables and connections are working properly. With these tools, you can adjust the focus and position of the cameras and adjust the camera settings to get the best possible image quality.

		TESTERS		
		HYU-274N	**HYU-403N**	**HYU-501N**
Display		7" touch IPS (1200x800)	7" touch IPS (1200x800)	7" Retina Touch (1920x1200)
Video standards		CVBS, CVI, TVI, AHD, IP	CVBS, CVI, TVI, AHD, SDI, IP	CVBS, CVI, TVI, AHD, IP
Maximum resolution	CVI	Up to 4MP	Up to 8MP	Up to 8MP
	TVI	Up to 3MP	Up to 8MP	Up to 5MP
	IP	Up to 4MP	Up to 8MP	Up to 8MP
Tests		Dual IP/Analogue test, PTZ, WiFi, UTP, PoE	Digital multimeter, Fibre optic, Dual IP/Analogue test, PTZ, WiFi, UTP, PoE	Dual IP/Analogue test, PTZ, WiFi, UTP, PoE
Input interface		1 BNC, 1 HDMI (1080P), 2 RJ45, Audio	1 BNC, 1 HDMI (1080P), 2 RJ45, Audio	1 BNC, 1 HDMI (4K), 2 RJ45, Audio
Output interface		1 HDMI (1080P), 1 TV, Audio	1 HDMI (1080P), 1 TV, Audio	1 HDMI (4K), 1 TV, Audio
Connectivity		WiFi	WiFi	WiFi
Power supply		12V CC, 24W	12V CC, 24W	12V CC, 24W
Battery		Lithium polymer, 7.4V /7500 mAh	Lithium polymer, 7.4V /7500 mAh	Lithium polymer, 7.4V /7800 mAh
Power output		24V CC, 12V CC, 5V CC 48V DC PoE	24V CC, 12V CC, 5V CC 48V DC PoE	24V CC 48V DC PoE
Operating conditions		-10°C ~ +55°C	-10°C ~ +55°C	-10°C ~ +50°C
Physical characteristics		240 x 145 x 46 mm 620 g	240 x 145 x 46 mm 620 g	255 x 160 x 46 mm 950 g

NIGHT VISION SPOTLIGHTS

Infrared floodlights are an essential tool for video surveillance. They emit light in the infrared band of the spectrum, making them ideal for illuminating areas in low light conditions without alerting unwanted intruders. By using these lights, security cameras can capture sharp, detailed images in low-light situations, improving the effectiveness of video surveillance. In addition, infrared spotlights are durable and energy efficient, making them a cost-effective and reliable option for surveillance of your property or business.

NIGHT VISION SPOTLIGHTS

	INFRARED SPOTLIGHTS			
	HYU-475	**HYU-477**	**HYU-476**	**HYU-650N**
Distance	40 meters	40 meters	50 meters	100 meters
Aperture	45°	45°	60°	30°
Leds	6 high power IR LEDs	6 high power IR LEDs	12 high power IR LEDs	12 high power IR LEDs
Wavelength	850 nM	850 nM	850 nM	850 nM
Power supply	12V CC, 9.6W	12V CC, 10W PoE (802.3af)	12V CC, 18W	12V CC, 18W
Operating conditions	-30°C ~ +50°C	-30°C ~ +50°C	-30°C ~ +50°C	-30°C ~ +50°C
Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Physical characteristics	104 x 80 x 51 mm 530 g	104 x 80 x 51 mm 530 g	151 x 96 x 60 mm 820 g	151 x 96 x 60 mm 820 g

CONNECTOR ACCESSORIES

CCTV accessories and connectors are crucial elements to ensure a reliable and stable connection between the different components of your video surveillance system. By using the right accessories and connectors, you can ensure that your CCTV system is working optimally and that your security cameras are protected against possible damage or interruptions in the power supply.

CONNECTOR ACCESORIES

DC CONNECTORS				
	HYU-343	HYU-344	HYU-347	HYU-348
Connector	DC male	DC female	DC male	DC female
Connection	Screw terminal	Screw terminal	Insertion terminal	Insertion terminal

CONNECTOR ACCESORIES

BNC CONNECTORS				
	HYU-345	HYU-346	HYU-349	HYU-350
Connector	BNC male	BNC female	BNC male	BNC female
Connection	Screw terminal	Screw terminal	Insertion terminal	Insertion terminal

CONNECTOR ACCESORIES

RCA CONNECTORS		
	HYU-352	HYU-351
Connector	RCA male	RCA female
Connection	Insertion terminal	Insertion terminal

MOUNTING ACCESSORIES

Brackets are an essential part of any CCTV installation, allowing cameras to be placed safely and efficiently wherever they need to be placed, be it walls, ceilings, corners or poles.

We offer a wide range of camera mounts to suit different camera types and mounting requirements, from basic mounts to more advanced mounts with angle and extension adjustment.

ACCESSORIES

	MOUNTING BASES				
	HYU-197N	HYU-198	HYU-199N	HYU-200N	HYU-248N
Accessory	Junction box	Junction box	Junction box	Junction box	Junction box
Application	Dome cameras	Dome cameras	Dome cameras	Bullet cameras	Dome & bullet cameras
Load-bearing capacity	4.5 kg	4.5 kg	4.5 kg	4.5 kg	4.5 kg
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Physical characteristics	Ø111 x 37 mm 150 g	Ø137 x 42 mm 280 g	Ø157 x 51.5 mm 621 g	Ø88.5 x 36 mm 251 g	Ø100 x 43.2 mm 320 g
Installation	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling

ACCESSORIES

	MOUNTING BASES				
	HYU-522	HYU-301N	HYU-332	HYU-355	HYU-607
Accessory	Junction box	Junction box	Junction box	Junction box	Junction box
Application	Dome cameras	Bullet cameras	Dome & bullet cameras	Bullet cameras	Fisheye dome cameras
Load-bearing capacity	4.5 kg	4.5 kg	-	-	4.5 kg
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Physical characteristics	Ø137 x 164.8 x 53.4 mm 520 g	Ø137 x 164.8 x 53.4 mm 520 g	-	-	178.5 x 164 x 41 mm 340 g
Installation	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling

ACCESSORIES

	MOUNTING BASES							
	HYU-601	**HYU-844**	**HYU-1002**	**HYU-1003**	**HYU-1004**	**HYU-1005**	**HYU-836N**	**HYU-837N**
Accessory	Junction box	Junction box	Junction box	Junction box	Junction box	Junction box	Junction box	Junction box
Application	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras
Load-bearing capacity	3 kg	-	4.5 kg	2 kg	1 kg	4.5 kg	4.5 kg	4.5 kg
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Physical characteristics	Ø140 x 40 mm 237 g	Ø133 x 65.4 mm	Ø120 x 37.2 mm 250 g	Ø155 x 36 mm 300 g	Ø126.7 x 35 mm 210 g	Ø137 x 42 mm 280 g	Ø137 x 42 mm 280 g	Ø157 x 51.5 mm 621 g
Installation	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling	Wall or ceiling

ACCESSORIES

	MOUNTING BASES							
	HYU-838N	**HYU-839N**	**HYU-841**	**HYU-543**	**HYU-884**	**HYU-1006**	**HYU-545**	**HYU-546**
Accessory	Junction box	Junction box	Inclined junction box	Junction box	Junction box	Junction box	Junction box	Junction box
Application	Dome cameras	Dome & bullet cameras	Dome cameras	PT Cameras	PT Cameras	4" PTZ domes	PTZ Domes	PTZ Domes
Load-bearing capacity	4.5 kg	4.5 kg	4.5 kg	-	-	5 kg	-	-
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Physical characteristics	Ø137 x 51.5 mm 527 g	Ø100 x 43.2 mm 280 g	Ø157 x 165.7 x 61.8 mm 586 g	-	-	Ø157.7 x 39.7 mm 450 g	-	-
Installation	Wall or ceiling	Wall or ceiling	Ceiling	Wall	Wall	Wall or ceiling	Wall	Wall

ACCESSORIES

	WALL BRACKETS							
	HYU-204N	**HYU-213N**	**HYU-357N**	**HYU-595N**	**HYU-603N**	**HYU-1009**	**HYU-608**	**HYU-1007**
Accessory	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket
Application	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Fisheye dome cameras	Cámaras box, cámaras bullet y cámaras zoom
Load-bearing capacity	3 kg	3 kg	4.5 kg	4.5 kg	4.5 kg	3 kg	2 kg	2 kg
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Physical characteristics	Ø136 x 183.5 x 230 mm 704 g	Ø132 x 183.5 x 288.5 mm 900 g	120 x 122 x 169 mm 320 g	110 x 120 x 120 mm 545 g	140 x 182 x 120 mm 703 g	Ø155 x 183.5 x 240 mm 650 g	164 x 152.6 x 198.2 mm 785 g	70 x 97.1 x 217.9 mm 201 g
Installation	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall

ACCESSORIES

	WALL BRACKETS							
	HYU-215N	**HYU-434**	**HYU-212**	**HYU-600**	**HYU-997**	**HYU-843N**	**HYU-1010**	**HYU-1016**
Accessory	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket	Wall bracket + junction box	Wall bracket
Application	PTZ Domes	PTZ Domes	Dome cameras or minidome	Dome cameras	Dome cameras	Dome cameras	Dome cameras	4" PTZ domes
Load-bearing capacity	30 kg	4.5 kg	1 kg	3 kg	3 kg	4.5 kg	3 kg	5 kg
Material	Aluminium alloy	Plastic	ABS and polycarbonate	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy
Physical characteristics	97.7 x 182 x 306 mm 734 g	161.1 x 241.5 x 80 mm 520 g	Ø111 x 120 x 161.5 mm 200 g	Ø140 x 183.5 x 231.5 mm 907 g	231.4 x 183.5 x 164 mm 870 g	132 x 183.5 x 228.5 mm 870 g	Ø155 x 243 x 300 mm 1750 g	Ø171.7 x 158 x 228.6 mm 1120 g
Installation	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall

ACCESSORIES

	CEILING BRACKETS							
	HYU-599N	HYU-978	HYU-979	HYU-1008	HYU-362N	HYU-221N	HYU-218N	HYU-1018
Accessory	Ceiling bracket	Ceiling bracket	Ceiling bracket	Ceiling bracket	Ceiling bracket	Ceiling bracket	Ceiling bracket	Ceiling bracket
Application	Dome cameras	Dome cameras	Dome cameras	Dome cameras	Dome cameras	PTZ Domes	PTZ Domes	PTZ Domes
Load-bearing capacity	4.5 kg	4.5 kg	4.5 kg	3 kg	3 kg	30 kg	30 kg	4.5 kg
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Aluminium alloy	Steel
Physical characteristics	Ø150 x 565 mm 1900 g	Ø150 x 573 mm 1290 g	Ø150 x 565 mm 1900 g	Ø155 x 565 mm 650 g	Ø150 x 567 mm 1110 g	Ø116.5 x 57 mm 380 g	Ø116.5 x 200 mm 600 g	84 x 124 x 335 mm 980 g
Installation	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling

ACCESSORIES

	CEILING BRACKETS		CORNER SUPPORTS				POLE BRACKETS	
	HYU-1019	HYU-1020	HYU-999	HYU-1013	HYU-1014	HYU-1015	HYU-214N	HYU-998
Accessory	Ceiling bracket	Ceiling bracket	Corner bracket	Corner bracket	Corner bracket	Bracket with junction box + corner bracket	Clamp bracket	Clamp bracket
Application	PTZ Domes	PTZ Domes	Dome cameras	Dome cameras	Dome cameras	PTZ Domes	Dome cameras	Dome cameras
Load-bearing capacity	10 kg	10 kg	10 kg	10 kg	10 kg	10 kg	10 kg	10 kg
Material	Steel	Steel	Stainless steel	Stainless steel	Stainless steel	Aluminium alloy and steel	Aluminium alloy	Stainless steel
Physical characteristics	84 x 124 x 1000 mm 2175 g	84 x 124 x 500 mm 1177 g	126 x 105 x 250 mm 1900 g	126 x 105 x 250 mm 2280 g	126 x 105 x 250 mm 2280 g	255.5 x 314 x 542.5 mm 6200 g	127 x 46 x 250 mm 1345 g	127 x 46 x 250 mm 1480 g
Installation	Ceiling	Ceiling	Corner	Corner	Corner	Corner	Pole	Pole

ACCESSORIES

	POLE BRACKETS				OTHER ACCESSORIES			
	HYU-1011	**HYU-1012**	**HYU-1017**	**HYU-208**	**HYU-202**	**HYU-361**	**HYU-578**	**HYU-1021**
Accessory	Clamp bracket	Clamp bracket	Clamp bracket	Wall bracket + clamp bracket	Flush mounting bracket	Rain cover	Gooseneck bracket	Support-pole
Application	Dome cameras	Dome cameras	PTZ Domes	PTZ Domes	Dome cameras	Dome cameras	PTZ Domes	PTZ Domes
Load-bearing capacity	10 kg	10 kg	20 kg	30 kg	4.5 kg	-	-	6 kg
Material	Stainless steel	Stainless steel	Stainless steel	Aluminium and steel	Aluminium alloy	Composite fibre	Aluminium alloy and steel	Sheet metal
Physical characteristics	250 x 46 x 127 mm 1200 g	250 x x 46 x 127 mm 1205 g	117 x 194 x 45 mm 1060 g	117 x 194 x 451 mm 2040 g	Ø210 x 90 mm 600 g	264.7 x 152 x 189.6 mm 199 g	455.2 x 130.4 x 841.5 mm 6426 g	Ø250 x 1570 mm 3308 g
Installation	Pole	Pole	Pole	Pole	Flush in ceiling	-	On poles or walls	Ground anchored

MEDIA COMPATIBILITY								
CAMERAS	**MOUNTING BASE**	**INCLINED BASE**	**WALL BRACKET**	**CEILING BRACKET**	**CORNICE BRACKET**	**ANTI-RAIN VISOR**	**POLE BRACKET**	**CORNER SUPPORT**
HYU-241	HYU-198	HYU-365						
HYU-335	HYU-355							
HYU-386N	HYU-217		HYU-215N	HYU-218N	HYU-578			HYU-216
HYU-390	HYU-199N	HYU-363						
HYU-408N	HYU-248N							
HYU-409N	HYU-197N		HYU-212					HYU-999
HYU-411N	HYU-301N, HYU-200N						HYU-214N	
HYU-412N	HYU-199N	HYU-363	HYU-213N	HYU-362N			HYU-214N	
HYU-414N	HYU-248N							
HYU-415N	HYU-197N	HYU-359	HYU-212			HYU-361		
HYU-418		HYU-363		HYU-362N				
HYU-425	HYU-199N	HYU-363	HYU-213N					
HYU-435	HYU-301N							
HYU-436	HYU-199N	HYU-363						
HYU-438	HYU-301N	HYU-521						
HYU-453	HYU-543							

CAMERAS	MOUNTING BASE	INCLINED BASE	WALL BRACKET	CEILING BRACKET	CORNICE BRACKET	ANTI-RAIN VISOR	POLE BRACKET	CORNER SUPPORT
HYU-454	HYU-543							
HYU-454N	HYU-884							
HYU-471N	HYU-355							
HYU-481	HYU-248N							
HYU-482	HYU-301N	HYU-521						
HYU-484		HYU-434						
HYU-486N	HYU-197N		HYU-595N					
HYU-487N	HYU-248N		HYU-595N					
HYU-490	HYU-601	HYU-600						
HYU-505	HYU-301N	HYU-521						
HYU-507	HYU-301N	HYU-521						
HYU-509	HYU-199N	HYU-363	HYU-213N					
HYU-515N	HYU-199N	HYU-363	HYU-213N				HYU-214N	
HYU-517	HYU-301N						HYU-214N	
HYU-518	HYU-199N	HYU-363	HYU-213N					
HYU-542	HYU-543							
HYU-548	HYU-199N							
HYU-568	HYU-301N	HYU-521						
HYU-569N	HYU-248N							
HYU-572N	HYU-199N		HYU-213N				HYU-214N	
HYU-573	HYU-199N	HYU-363	HYU-213N	HYU-362N				
HYU-588	HYU-197N	HYU-359	HYU-212					
HYU-590	HYU-301N							
HYU-612	HYU-200N							
HYU-618N	HYU-301N, HYU-200N						HYU-214N	
HYU-648	HYU-301N							
HYU-648N	HYU-301N							
HYU-649N				HYU-978				
HYU-657	HYU-199N							
HYU-660							HYU-214N	
HYU-663	HYU-301N							
HYU-666	HYU-200N, HYU-301N							
HYU-670	HYU-248N							
HYU-672	HYU-199N							
HYU-673	HYU-248N							
HYU-674N	HYU-301N							
HYU-676N	HYU-248N		HYU-603N					
HYU-677	HYU-198							

	MEDIA COMPATIBILITY							
CAMERAS	MOUNTING BASE	INCLINED BASE	WALL BRACKET	CEILING BRACKET	CORNICE BRACKET	ANTI-RAIN VISOR	POLE BRACKET	CORNER SUPPORT
HYU-679								
HYU-689N	HYU-545, HYU-546		HYU-217	HYU-218N	HYU-578		HYU-208	HYU-216
HYU-692N	HYU-545, HYU-546		HYU-217	HYU-218N	HYU-578		HYU-208	HYU-216
HYU-694	HYU-332							
HYU-698	HYU-332							
HYU-702	HYU-24							
HYU-737	HYU-248N							
HYU-745							HYU-214N	
HYU-757	HYU-199N							
HYU-758		HYU-841						
HYU-759		HYU-841						
HYU-761	HYU-248N							
HYU-763	HYU-301N						HYU-214N	
HYU-766		HYU-841						
HYU-767	HYU-836N							
HYU-770N	HYU-838N						HYU-214N	
HYU-771	HYU-200N, HYU-301N							
HYU-775	HYU-301N							
HYU-776	HYU-248N							
HYU-777	HYU-301N							
HYU-809	HYU-248N							
HYU-811	HYU-248N							
HYU-813	HYU-248N		HYU-595N					
HYU-891	HYU-301N		HYU-595N					
HYU-893	HYU-200N, HYU-301N						HYU-214N	
HYU-894			HYU-204N					
HYU-911	HYU-248N							
HYU-912	HYU-200N, HYU-301N							
HYU-913	HYU-200N, HYU-301N							
HYU-914	HYU-197N							
HYU-915	HYU-197N							
HYU-920	HYU-199N		HYU-213N					
HYU-922	HYU-199N		HYU-213N				HYU-214N	
HYU-925	HYU-248N							
HYU-930				HYU-1021			HYU-1011, HYU-1012	HYU-1013, HYU-1014
HYU-931				HYU-1021			HYU-1011, HYU-1012	HYU-1013, HYU-1014
HYU-932	HYU-248N							

	MEDIA COMPATIBILITY							
CAMERAS	**MOUNTING BASE**	**INCLINED BASE**	**WALL BRACKET**	**CEILING BRACKET**	**CORNICE BRACKET**	**ANTI-RAIN VISOR**	**POLE BRACKET**	**CORNER SUPPORT**
HYU-933	HYU-248N							
HYU-934	HYU-301N		HYU-595N				HYU-214N	
HYU-935	HYU-301N		HYU-595N				HYU-214N	
HYU-943	HYU-248N							
HYU-944				HYU-218N	HYU-578		HYU-1017	HYU-1015
HYU-945	HYU-1006		HYU-1016	HYU-1018, HYU-1019, HYU-1020				HYU-999
HYU-947	HYU-546			HYU-218N				
HYU-948	HYU-546			HYU-218N			HYU-1017	HYU-1015
HYU-949	HYU-547			HYU-218N			HYU-1017	HYU-1015
HYU-950	HYU-546			HYU-218N				
HYU-951	HYU-546			HYU-218N	HYU-578		HYU-1017	HYU-1015
HYU-952							HYU-1011, HYU-1012	HYU-1013, HYU-1014
HYU-953			HYU-997					
HYU-954			Incluido (HYU-1007)				HYU-214N	
HYU-956	HYU-248N							
HYU-957	HYU-197N		HYU-212					HYU-999
HYU-958	HYU-1004	HYU-841	HYU-213N					HYU-999
HYU-959	HYU-1005		HYU-603N	HYU-979				HYU-999
HYU-960	HYU-301N							HYU-999
HYU-961	HYU-1004	HYU-841	HYU-213N					HYU-999
HYU-962	HYU-1002			HYU-978				HYU-999
HYU-963	HYU-200N, HYU-301N							HYU-999
HYU-965			HYU-603N					
HYU-966	HYU-200N, HYU-301N							HYU-999
HYU-967	HYU-200N, HYU-301N							HYU-999
HYU-968	HYU-1005		HYU-603N	HYU-979				HYU-999
HYU-969	HYU-1003		HYU-1010	HYU-1008			HYU-1011	
HYU-970	HYU-1002		HYU-980	HYU-978			HYU-998	
HYU-973			HYU-980	HYU-978				
HYU-981			HYU-980	HYU-978				
HYU-993	HYU-248N							
HYU-1024	HYU-248N							
HYU-1025	HYU-248N							
HYU-1027	HYU-197N		HYU-595N, HYU-212				HYU-214N	HYU-999
HYU-1028	HYU-301N		HYU-595N				HYU-998	HYU-999
HYU-1029	HYU-1001	HYU-840					HYU-998	HYU-999
HYU-1031			HYU-603N	HYU-979				

MEDIA COMPATIBILITY								
CAMERAS	MOUNTING BASE	INCLINED BASE	WALL BRACKET	CEILING BRACKET	CORNICE BRACKET	ANTI-RAIN VISOR	POLE BRACKET	CORNER SUPPORT
HYU-1032	HYU-200N, HYU-301N						HYU-998	HYU-999
HYU-1033	HYU-199N, HYU-1004	HYU-841	HYU-213N				HYU-998	HYU-999
HYU-1034	HYU-200N, HYU-301N						HYU-998	HYU-999
HYU-1035	HYU-248N							
HYU-1036	HYU-248N							
HYU-1037	HYU-248N		HYU-595N				HYU-998	HYU-999
HYU-1038	HYU-248N		HYU-595N				HYU-998	HYU-999
HYU-1039	HYU-248N		HYU-595N				HYU-998	HYU-999

ACCESS CONTROL

The future of security lies in the convergence of all elements of the Internet of Intelligent Security Things. As an end-to-end solution provider, HYUNDAI offers access control devices that have been developed by the largest team of engineers in the industry.

Scalable solutions, which are integrated into the same software platform as the CCTV and which adapt to the needs of any installation, depending on the access mode required: card, fingerprint, code or facial detection.

ACCESS CONTROL

	ACCESS/ATTENDANCE TERMINALS		ACCESS READERS		ENROLLERS
	HYU-732	HYU-730	HYU-641	HYU-642	HYU-646
Display	2.4" LCD-TFT	2.4" LCD-TFT	-	-	-
Keyboard	18 teclas	18 teclas	12 teclas	-	-
Capacity	1000 users/cards 1000 fingerprints	1000 users/cards 1000 fingerprints	-	-	-
Events	100 000 events	100 000 events	-	-	-
Shifts	32 normal shifts, 32 time shifts and 32 holiday shifts	32 normal shifts, 32 time shifts and 32 holiday shifts	-	-	-
Assistance states	Start/end of the working day Start/end of break Start/end of overtime	Start/end of the working day Start/end of break Start/end of overtime	-	-	-
Card reader	Card reader Integrated Mifare 13.56MHz	Card reader Integrated Mifare 13.56MHz	Card reader Integrated Mifare 13.56MHz	Card reader Integrated EM 125KHz	Mifare 13.56MHz cards EM 125KHz cards
Fingerprint reader	1:1 and 1:N modes Recognition of <1 sec.	1:1 and 1:N modes Recognition of <1 sec.	-	-	-
Audio	Audible warning & Speaker	Audible warning & Speaker	Audible warning	Audible warning	-
Inputs	-	1 door sensor 1 exit button (REX)	-	-	-
Outputs	-	1 door release relay 1 buzzer relay	-	-	-
Connectivity	RJ45 (10/100M) USB 2.0	RJ45 (10/100M) USB 2.0	Wiegand 26/34 bit	Wiegand 26/34 bit	USB 2.0
Protocols	TCP/IP	TCP/IP, ISUP	-	-	-
Power supply	5V CC, 1A	12V CC, 1A	12V CC, ≤1.6W	12V CC, ≤2W	5V CC, 1A
Operating conditions	-10°C ~ +55°C Humidity of 10%~95%	-10°C ~ +55°C Humidity of 10%~90%	-20°C ~ +65°C Humidity of 10%~90%	-20°C ~ +65°C Humidity of 10%~90%	-20°C ~ +65°C Humidity of 10%~90%
Environmental protection	-	-	IP65	IP65	-
Physical characteristics	155 x 140 x 30 mm 220 g	155 x 140 x 30 mm 220 g	87 x 87 x 13.3 mm	43.3 x 115.9 x 17 mm	67.5 x 117 x 14.3 mm 87 g

NOTES

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