

ULTRA

ULTRA-3s-DM12-IXV



The ULTRA-3s-DM12-IXV is 12 Megapixel (4000x3000) Dome fitted with a 4.1-16.4mm Motorised Lens and has a IR range of up to 50m.

Utilising a HiSilicon HI3519 SOC the ULTRA-3s-DM12-IXV has H.265 compression (High Efficiency Video Coding) as standard, H.265 was developed to improve HDD storage requirements and reduce bandwidth consumption for new higher resolutions such as 4K. For example, at an identical level of visual quality the H.265 codec enables video to be compressed to a file about half the size (or half the bit rate) of H.264.

Also incorporated in the ULTRA-3s-DM12-IXV is a HI3519 chipset which allows for intelligent detection functions such as tripwire, people counting, heat map and many other features.



PERFORMANCE	
Image Sensor Chipset	Sony Exmor R IMX226 (1/1.7") HI3519
Effective Pixels	4000(H) x 3000(V)
Compression	H.265, H.264E, H.264
Resolution	12MP (4000x3000) = 1-20fps 8MP (3840x2160) = 1-25fps
Streams	3
Bit Rate	14-9,984Kbps (H.265) 24-16,384Kbps (H.264)
Backlight Compensation	BLC / HLC / SSA
Wide Dynamic Range	DWDR
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Special Functions	Defog & EIS

LENS	
Focal Length	4.1 - 16.4mm
Lens Type	Motorised Auto Iris (DC)
Max Aperture	F1.53
Angle of View	H: 105° - 35° / V: 77° - 26°

DAY / NIGHT		
Min. Illumination	Colour	0.02 Lux @ F1.53
	IR On	0 Lux @ F1.53
Day/Night	Auto (ICR) / Colour / B&W	
IR Distance	50m	

CONNECTIVITY	
Ethernet	1 RJ45 (10/100/1000Base-T)
Analogue Port	1
Alarm Input	1
Alarm Output	1
Audio Input	1
Audio Output	1
RS-485	0
Memory Slot	Micro SD (Max 128GB)

SOFTWARE	
Network Functions	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Smart Phone/Tablet PC / Mac Software Onvif	ICRSS Pro / ICView Smart ICRSS / Web Browser Onvif Profile S & G / PSIA
Intelligent Functions	People Counting, Heat Map, Tripwire, Intrusion, Abandoned / Missing Object, Scene Change, Audio Detect, Face Detect
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

ENVIRONMENTAL	
Power Consumption	12vDC / PoE+ (802.3at) <18W (IR on & Motorised Lens)
Working Environment Protection	-40°C - 60°C / Less than 95% RH IP67 / IK10
Dimensions Weight	Ø159(mm) x 117.9 (mm) 0.96kg

ACCESSORIES (OPTIONAL)	
Junction Base	BASE-138-W
Wall Mount	PLA-101-W + MNT-302-W
Pole Mount	PLA-101-W + MNT-302-W + MNT-PM152



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