

HDX-IPX16

4K (8 Megapixel), 3.6mm Fixed Lens, Water-proof, Infrared Network Dome Camera



- 1/2.5" CMOS Image Sensor
- 8 Megapixel (3840 x 2160) Encoding up to 15fps
- 3.6mm Fixed Lens
- H.265 / H.264 / MJPEG Video Compression
- Up to 20m (66') IR distance
- Smart Analysis (Perimeter Intrusion, Line Crossing and Object Removal)
- Triple Stream Encoding
- ONVIF Conformance
- IP66, IK10 Ingress Protection Rating

Technical Specifications

HDX-IPX16	
Camera	
Sensor	1/2.5" 8 Megapixel CMOS Image Sensor
Effective Pixels	3840 x 2160
Electronic Shutter	1/25s ~ 1/100,000s
Iris Type	Fixed Iris
Minimum Illumination	Color: 0.01Lux @F1.2 (AGC on) / 0Lux with IR on
Lens	3.6mm Fixed Lens
Angle of View (H)	Horizontal: 87.7°
Day/Night	IR-cut filter with auto switch (ICR)
Wide Dynamic Range	Digital WDR
Backlight Compensation (BLC)	Yes
Highlight Compensation (HLC)	Yes
Defogging	n/a
Digital Noise Reduction	2DNR/3DNR
Image	
Video Compression	H.265 / H.264 / MJPEG
Resolution	8MP (3840 x 2160), 2K (2560 x 1440), 3MP (2304 x 1296), 1080p (1920 x 1080), 720p (1280 x 720), D1, CIF, 480 x 240
Main Stream	60Hz: 8MP @ 1 - 15fps; 2K / 3MP / 1080p / 720p @ 1 - 30fps
Bit Rate	128Kbps - 16Mbps
Bit Rate Type	VBR or CBR
Quality	5 Levels using VBR, Manually assignable using CBR
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic Range, Sharpness adjustable using CMS or IE web interface
Audio Compression	G.711A/U
Region of Interest (ROI)	Up to 8 Areas
Interfaces	
Network	10/100M RJ-45 Ethernet Interface
Audio	
Video Output	
Local Storage	
RS-485	
Alarm Input / Output	
Operations	
Remote Monitoring	Internet Explorer or CMS Software
Remote Connections	Up to 10 concurrent remote connections
Network Protocols	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Compatibility	ONVIF Profile S (2.3)
Smart Alarm	Motion Detection
Smart Analysis	Object removal, line crossing and perimeter intrusion detection
PTZ Control	n/a
IR Distance	Up to 20m (66')
Ingress Protection Rating	IP66, IK10
General	
Power Requirement	DC12V or PoE (802.3af)
Power Consumption	Max 6. (IR on)
Dimension	Ø4.6" x 3.5"
Weight	~1.3lbs
Working Environment	-4°F ~ 122°F, Humidity ≤ 90% RH(non-condensing)