

8 Megapixel, 3.3 - 12mm Motorized Varifocal Lens, Water-proof, Infrared Network Bullet Camera



Technical Specifications

HDX-IPX8	
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	3.3 - 12mm Motorized Varifocal Lens
Angle of View (H)	Horizontal: 97.5° (wide) - 38.5° (zoomed)
Day/Night	IR-cut filter with auto switch (ICR)
Wide Dynamic Range	Digital WDR
Backlight Compensation (BLC)	Yes
Highlight Compensation (HLC)	Yes
Defogging	Yes
Digital Noise Reduction	2DNR/3DNR
Image	
Video Compression	H.265 / H.264 / MJPEG
Resolution	8MP (3840 x 2160), 1080p (1920 x 1080), 720p (1280 x 720), D1, CIF, 480 x 240
Main Stream	60Hz: 8MP / 1080p / 720p @ 1 - 30fps
Bit Rate	64Kbps - 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	3.5mm Microphone Input and Speaker Output
Video Output	CVBS (BNC) Video Output
Local Storage	Micro-SD up to 128GB
RS-485	Screw Terminal
Alarm Input / Output	1 / 1 Channel Screw Terminal
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, Sensor Alarm
Smart Analysis	Object removal, line crossing and perimeter intrusion detection
PTZ Control	Using IP or RS-485 (PELCO-D/PELCO-P)
IR Distance	Up to 50m (164')
Ingress Protection Rating	IP66
General	
Power Requirement	DC12V or PoE (802.3af)
Power Consumption	Max 8W (IR on)
Dimension	Ø4.3" x 11.2"
Weight	~2.4lbs
Working Environment	-4°F ~ 122°F, Humidity ≤ 90% RH(non-condensing)

- 1/2.5" CMOS Image Sensor
- 8 Megapixel (3840 x 2160) realtime encoding
- 3.3 - 12mm Motorized Varifocal Lens
- H.265 / H.264 / MJPEG Video Compression
- Up to 50m (164') IR distance
- Smart Analysis (Perimeter Intrusion, Line Crossing and Object Removal)
- Triple Stream Encoding
- CVBS (BNC) Video Output
- 3.5mm Audio Input / Output
- 1 / 1 Channel Alarm Input / Output
- ONVIF Conformance
- IP66 Ingress Protection Rating