MT-IPBX4HTS-CS

4MP Low-Light CS-Mount PoE Camera for Furnace Inspection Systems



Low-Light 4MP	CS-Mount Interface	Single-Cable PoE	Compact Metal Body
1/3" CMOS, 0.005 Lux @ F2.0 colour, 120 dB WDR	Threaded CS front, back-focus adjustment ring	Built-in PoE splitter, IEEE 802.3af/at	Ø42 x 100.5 mm, aluminium and stainless steel

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Camera for Cooled Furnace Inspection Probes

4MP network camera in a compact Ø42 x 100.5 mm machined aluminium body with stainless steel front head, CS-mount lens interface and back-focus adjustment, designed for cooled inspection probes and housings for furnace monitoring. Power and data run on a single PoE cable to the rear RJ-45 port. Lens not included.

FEATURES

- 4MP 1/3" CMOS sensor, low illuminance, high image definition
- Outputs max. 4MP (2688 x 1520) @ 25/30 fps
- CS-mount lens interface with back-focus adjustment ring (lens not included)
- H.265 codec, high compression rate, ultra-low bit rate
- ROI, H.264+/H.265+, flexible coding for various bandwidth and storage needs
- WDR 120 dB, 3D DNR, HLC, BLC, image rotation, digital watermarking
- Intelligent detection: tripwire and intrusion
- Abnormality detection: motion detection, video tampering, scene changing, network disconnection, IP conflict, illegal access
- Single-cable installation: built-in PoE splitter (IEEE 802.3af/at)
- Compact Ø42 x 100.5 mm metal body with rear RJ-45 PoE port, for cooled probes and housings

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TECHNICAL SPECIFICATIONS

Camera	
Image Sensor	1/3" CMOS
Effective Pixels	2688 (H) x 1520 (V)
ROM / RAM	128 MB / 128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s - 1/100,000 s
S/N Ratio	> 56 dB
Min. Illumination	0.005 Lux @ F2.0 (Color, 30 IRE); 0.0005 Lux @ F2.0 (B/W, 30 IRE)

Network	
Network Port	RJ-45 (10/100 Base-T), PoE
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; Bonjour
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; X.509 certificates; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Interoperability	ONVIF; CGI
User/Host	20 (total bandwidth: 64 Mbps)
Edge Storage	FTP; SFTP; NAS
Browser	Chrome; Firefox
Management Software	MT Suite; MT App; CGI, compatible VMS

Power	
Power Supply	PoE (IEEE 802.3af / 802.3at) via built-in splitter
Camera Power Consumption	Max. 1.4 W (camera module)

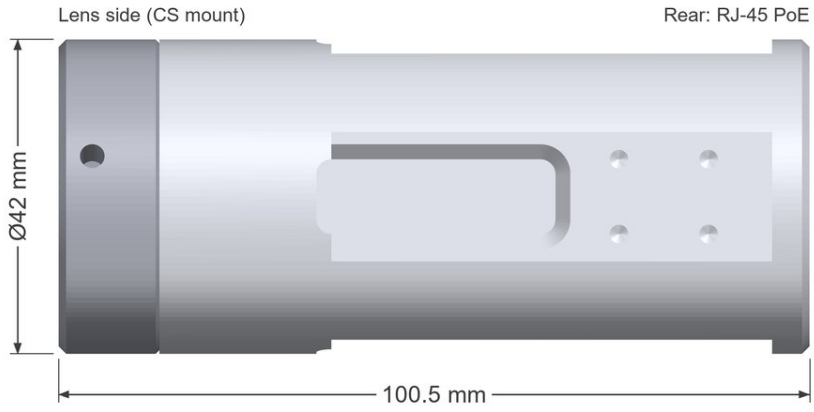
Structure	
Body	Machined aluminium, stainless steel front head
Dimensions	Ø42 x 100.5 mm
Connector	Rear RJ-45 (PoE)

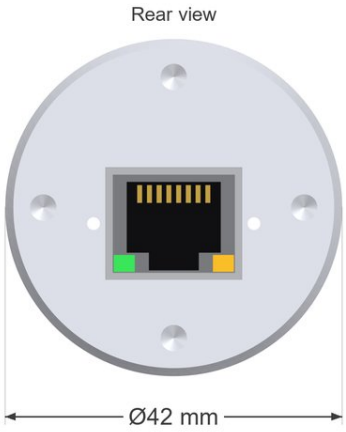
Lens	
Lens Mount	CS mount
Back-Focus Adjustment	Adjustment ring
Lens	Not included (CS-mount lens to be selected and focused for the application)

Intelligent	
IVS	Tripwire; intrusion

Video	
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (sub stream)
Advanced Codec	H.265+ / H.264+
Main Stream	2688 x 1520 @ 1-25/30 fps
Sub Stream	704 x 576 @ 25 fps; 704 x 480 @ 30 fps
Stream Capability	2 streams
Resolution	Main: 1080p; 1.3M (1280 x 960); 720p. Sub: D1; VGA; CIF
Video Bit Rate	H.264 / H.265: 3 kbps - 6144 kbps
WDR	120 dB
BLC / HLC	Yes / Yes
White Balance	Auto / natural / street lamp / outdoor / manual / regional custom
Noise Reduction	3D DNR
Motion Detection	Off / On (4 areas, rectangular)
Region of Interest	Yes (4 areas)
Image Rotation	0° / 90° / 180° / 270° (90° / 270° at 1080p and lower); mirror
Privacy Masking	4 areas

Environment	
Operating Conditions	-20 °C to +50 °C, < 95% RH (component ratings; install inside a cooled probe or housing)





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