

5MP BI-SPECTRUM THERMAL IP BULLET CAMERA with Advanced AI



MEDALLION SERIES



KEY FEATURES

- Thermal & Optical Bi-spectrum video with one IP
- Vanadium Oxide un-cooled focal plane detector
- Thermal: 256 x 192 resolution, 12µm≤40mk @ 25 F1.0
- Optical: 2592 X 1944 (5MP), 120DB WDR
- Reliable fire detection and fire shield area
- Advanced AI functions on thermal & optical streams
- Support dual image fusion
- Temperature exception alarm
- Audible & visual alarm with built in red and blue flashing lights



SPECIFICATIONS

Smart Supplement Light	Yes
Warning Light	1 Red & 1 Blue flashing light
* NETWORK	
Main Stream	Visible Light: 50Hz@25fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960), 720P(1280x720) 60Hz@30fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960), 720P(1280x720) Thermal: 50Hz/60Hz@25fps; 1280×720, 640x480
Sub-stream	Visible Light: 50Hz@25fps; 720P(1280x720), VGA(640x480), QVGA(320x240) 60Hz@30fps; 720P(1280x720), VGA(640x480), QVGA(320x240) Thermal: 50Hz/60Hz@25fps; 640 x 480, 320x240
Mobile Stream	Visible Light: 50Hz@25fps; VGA(640x480), QVGA(320x240) 60Hz@30fps; VGA(640x480), QVGA(320x240)
Video Compression	H.265/H.264/MJPEG
Audio Compression	G.711a/G.711u
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
User/Host Level	10 users, 2 levels: Administrator, User
Security Measures	User authentication (user name and Password), HTTPS encryption, IP address filtering
* INTEGRATION	
Alarm Input / Output	1 input / 1 output Built-in speaker
Alarm Action	SD recording / relay output /smart capture / FTP upload / e-mail linkage / audio alarm / Red & Blue flashing light
Reset	Yes
Communication Interface	1, RJ45 10M/100M self-adaptive Ethernet interface
SD Memory Card	Built-in micro SD card slot (up to 256 GB)
Analog Video Output (BNC)	NA
Web Browser	IE10/11, Safari V12.1 above, Firefox V.52 above, Google chrome V.57 above, Edge V.79 above
* PHYSICAL	
Menu language	English, Russian, German, Italian, French, Portuguese, Spanish, Turkish, Japanese
Power	12 VDC ± 20%, PoE (802.3af)
Power Consumption	Max 18.2W
Operating Conditions	Temp: -30~+60°C/ (-22~+149°F) / Humidity: less than ≤ 90% RH
Material / Protection	Metal Housing / IP67 Waterproof
Input Voltage / Current	DC 12V/POE+, max. 22 W
Dimensions	114 x 114 x 102 mm (4.5 x 4.5 x 4.1 inches)
Weight	Weight Approximately 415g (.91 lbs)

* THERMAL MODULE	
Image / Scanning System	Vanadium Oxide Un-cooled Focal Plane Arrays
Max. Resolution	256 x 192
Pixel Interval	12µm
Response Waveband	8-14µm
NETD:	≤40mk@25°C F# 1.0, 25Hz (Noise Equivalent Temperature Difference)
Lens (Focal Length)	3.2mm (Wide Angle)
IFOV	3.75 mrad
Field of View	(H) 56° x 42° (V)
Min. Focusing Distance	0.3m
DRI Distance Human	Detection: 148m (486ft), Recognition: 36m (118ft), Identification: 21m (69ft)
DRI Distance Vehicle	Detection: 421m (1381ft), Recognition: 90m (295ft), Identification: 53m (174ft)
Heat Detection Distance	44m (144ft)
Aperture	F1.1
* OPTICAL MODULE	
Max. Image Resolution	5MP 2592(H)×1944(V)
Image Sensor	1/2.7" Progressive CMOS
Min. Illumination	Color 0.03lux @ F1.6 (AGC ON) ;B/W 0 lux @ IR ON
Electronic Shutter Speed	1/5s to 1/100,000s
Lens / FOV	3.6mm (Wide Angle) / Horizontal: 81°, Vertical: 57°, Diagonal: 108°
WDR / Day & Night	120dB / IR cut filter with auto switch
* IMAGE FUNCTION	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
* SMART FUNCTIONS	
Smart AI Features	Optical: Intrusion, Region Entrance, Region Exiting, Line Crossing, Pedestrian & Vehicle, Object Detection, Crossing Counting, Crowd Density, Queue Length, Heat MAP, Rare Sound, Face Detection Thermal: Intrusion, Region Entrance, Region Exiting, Line Crossing detection, Fire detection, Temperature exception alarm, Pedestrian & Vehicle
Temp Measurement	Global, 12 points, 12 areas, and 12 line.
Temp Range / Accuracy	-20°C to + 150°C (-4°F to + 302°F) / ±8°C (± 14.4 °F)
Fire Detection	Yes
* ILLUMINATOR	
Supplement Light Type	IR and ColorMAX
Supplement Light Range	Up to 30m IR (98ft) / 15m ColorMAX (50ft)
IR Wavelength	850nm

COR-IP5BTDA

