

CM-6206

FLIR QUASAR™

6MP Hemispheric
Mini-Dome Camera



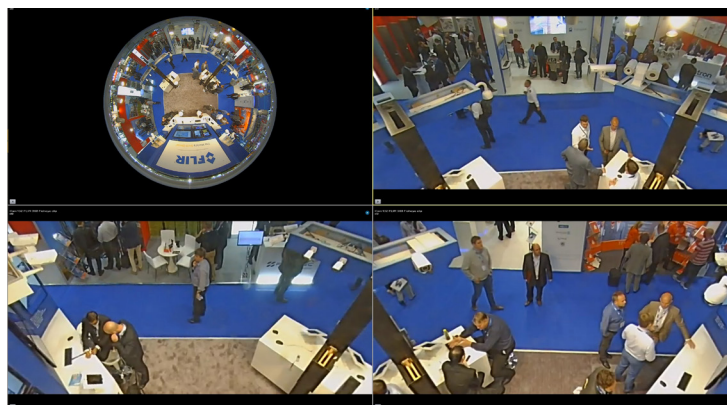
360° VIDEO CAPTURE. IMMERSIVE EXPERIENCE.

The FLIR Quasar Hemispheric mini-dome camera provides an immersive, 360° real-time and forensic experience using United VMS ControlCenter. With an indoor/outdoor vandal-resistant housing—coupled with two-way audio, IR-illumination and I/O interface—the Quasar Hemispheric camera is fully featured to address a wide range of applications.

The camera supports user-customized views through digital presets without affecting the recording of the complete 360° view, making it the ideal choice for full coverage, panoramic video surveillance.

Features

- Broadcast Quality Video
- Multi-streaming with full frame rates
- Wall and Ceiling Modes
- Vandal-Resistant, Indoors and Outdoors
- Automatic IR-Illumination in lowlight conditions
- Bi-directional audio
- Digital Presets



General Specifications

Camera	
Image Sensor	1/1.8" BSI CMOS
Sensor Resolution	3072x2048
Scanning Mode	Progressive
Sensitivity	0.6 (color)/0.03 (BW), 0 Lux with IR illuminator ON, measured with DSS OFF at 30 IRE
Lens Type	Fisheye 1.05mm, 180° HFOV, F2.8, D/N
Automatic Electronic Shutter (AES)	1.0 to 1 / 10,000 (auto)
Digital Slow Shutter (DSS)	1/1 to 1/25 or 1/30 with up to 32x sensitivity boost in color or night mode
White Balance	Auto / ATW / One push / manual
Automatic Gain Control	Auto
Back Light Compression	On / Off
Wide Dynamic Range (WDR)	On / Off - 3 levels
Noise Reduction	2D / 3D / Color
Tamper Detection	On / Off / schedule
Privacy Zones	On / Off - 5 zones
Video Motion Detection	On / Off / schedule
Day / Night Mode	Smart / Auto / On / Off
Mechanical IR Cut Filter	Yes
Signal to Noise Ratio (SNR)	±50 dB
Video	
Maximum Performance Software De-warping	H.264 30/25 FPS @ 3072x2048 + 720p (NTSC/PAL)
Maximum Performance Camera De-warping	H.264 20FPS @ 2048x2048 + D1 (NTSC/PAL)
Resolution Range	Scalable from D1 to 3072x2048
Bandwidth	Configurable between 64Kbps and 20Mbps
Rate Control	CBR/VBR
SD Card Recording ¹	Micro SDXC up to 128GB (Class 10)
Audio	
Bi-Directional Audio	Full duplex, line in and line out, G.711, G.726
Audio Connections	Terminal block
IR Illuminator	
Distance	up to 6 m (20 ft.)
Angle of Illumination	360°
Number of IR LEDs	high power / high efficiency SMD type
Peak Emission Wavelength (nm)	850

Network	
Network Protocols	IPv4/v6, TCP/IP, UDP Unicast / Multicast, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, SNT, QoS, ONVIF Profile S, IEEE 802.1X
Ethernet	10/100/1000 Ethernet, auto sensing, half/full duplex (RJ45)
Remote Configuration	via web browser or supported video management software
Firmware Upgrade	Flash memory for upgrade of camera firmware over the network
Supported Web Browser	Internet Explorer 10+
Security	User account with password protection and IP filter
Alarm	
Input	1 dry alarm contact
Output	1 relay contact, 300V AC / DC at 130 mA maximum
Physical	
Enclosure	Indoor/Outdoor: IK10 rated vandal IP66
Dimensions	163 x 163 x 104 mm (6.43 x 6.43 x 4.09 in.)
Unit Weight	0.95 Kg (2.09 lbs.)
Mechanical	
Bubble Rating	IK10 vandal resistant polycarbonate
Bubble F-Stop	F0.0
Electrical	
Input Voltage	12 VDC PoE (Class 0)
Power Consumption	8W / 10W with IR
Power Connector	DC terminal block or PoE
Environmental	
Operating Temperature ²	-10° to 50° C (-10° to 122° F)
Storage Temperature	-20° to 70° C (-4° to 158° F)
Humidity	90% (non-condensing)
Warranty & Regulatory	
Warranty	According to FLIR RMA Policy and Process Notice document
USA	FCC 47 CFR Part 15, Subpart B, Class A; UL 60950

Accessories

A complete list of mounts, brackets, pole mounts and recess kits for cameras can be found in the FLIR Price List and Camera Accessory Guide.

1 Excluding countries where disallowed
2 Outdoor IR models support -25° C for cold start with POE

Camera Ordering Information

Type	Series	Camera Resolution	Lens Option	Environmental	IR Illuminator
CM	62	06	H	1	I
Mini-Dome Camera	62 = Quasar Gen II	06 = 6MP	H = Hemispheric	1 = IP66 Vandal with Heater	I = 360° Illuminator

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