

CM-6206



FLIR QUASAR

6MP Hemispheric Mini-Dome Camera

6MP RESOLUTION QUALITY. LOWEST BANDWIDTH. PREDICTABLE STORAGE.

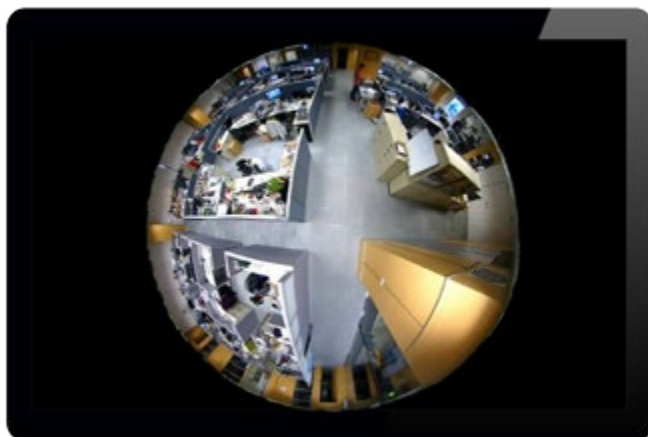
The next generation of Quasar cameras brings the most advanced technologies with 360° immersive views, building on the proven foundation of best in class broadcast quality cameras.

Offering the industry's lowest bandwidth through its broadcast motion processing architecture, the 6MP Hemispheric camera delivers predictable storage, lower utility costs and a reduction in your Total Cost of Ownership (TCO).

Now you can... get the evidence you need at a cost you can afford. Deploy a 6MP Hemispheric surveillance solution that easily handles wide variations in motion and lighting found in airports, city surveillance projects, critical infrastructure sites, commercial offices, campuses and casinos utilizing the most technologically advanced HD IP camera.

Features

- Broadcast Quality Video
- Multi-streaming at the highest frame rates
- 6MP at full frame rate and the lowest bit rate
- Wall and Ceiling Modes
- Indoor/Outdoor
- Vandal Resistant
- IR Illumination
- Web interface for viewing and configuration



A FLIR 6MP Certified Solution

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,SNTP, 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
International	CE (EN55022-1998 Class A; EN50130-4; EN60950; RoHS)

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	08	H	1	I
Mini-Dome Camera	62 = Quasar Gen II	06 = 6MP	H = Hemispheric	1 = IP66 Vandal with Heater	I = 360° Illuminator

CORPORATE HEADQUARTERS
 FLIR Systems, Inc.
 27700 SW Parkway Ave.
 Wilsonville, OR 97070
 PH: +1 877.773.3547

FLIR Systems, Inc.
 70 Castilian Dr.
 Goleta, CA 93117

FLIR Systems, Inc.
 65 Challenger Rd
 Ridgefield Pk., NJ 07660
 PH: +1 201.368.9700

CANADA
 FLIR Systems - Canada
 250 Royal Crest Court
 Markham, Ontario,
 Canada L3R 3S1
 PH: +1 888.425.6739

www.flir.com
 NASDAQ: FLIR

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