



HEMISPHERIC MINI-DOME CAMERA

FLIR QUASAR™

The FLIR Quasar Hemispheric Mini-Dome camera provides an immersive, 360° real-time and forensic experience using the FLIR 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. Available in 6MP and 12MP models, the camera supports user-customized views through digital presets without affecting the recording of the complete 360° view, creating full coverage, panoramic video surveillance.

www.flir.com/security



PANORAMIC VIEW

Customizable viewing options give operators complete control.

- 360° video capture offers an immersive view of surroundings
- Digital presets offer traditional viewing angles
- Broadcast-quality video



WALL AND CEILING MODES

Versatile mounting options suit any scene.

- Unique viewing modes developed for wall and ceiling mounting
- Bi-directional audio permits contact in any environment
- Automatic IR-illumination in low light conditions



VANDAL-RESISTANT, INDOOR AND OUTDOOR

Durable housing withstands tampering and harsh weather.

- IK10-rated against vandalism
- IP66-rated to withstand challenging outdoor environments
- Non-condensing enclosure

SPECIFICATIONS

Camera	CM-6206	CM-6212
Image Sensor	1/1.8" BSI CMOS	1/1.7" BSI CMOS
Sensor Resolution	3072x2048	4000 x 3000
Scanning Mode	Progressive	
Sensitivity	0.6 (color)/0.03 (BW), 0 Lux with IR illuminator ON, measured with DSS OFF at 30 IRE	0.1 (color) / 0.01 (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	Fisheye 1.29mm, 180° HFOV, F2.4, 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	1/1 to 1/25 (PAL) or 1/30 (NTSC)
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)	H.264 20 fps @ 4000x3000 (NTSC/PAL)
Maximum Performance Camera De-warping	H.264 20FPS @ 2048x2048 + D1 (NTSC/PAL)	N/A
Resolution Range	Scalable from D1 to 3072x2048	Scalable from D1 to 4000x3000
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	Full duplex, line in and line out, G.711, G.726, AAC, LPCM
Audio Connections	Terminal block	
IR Illuminator		
Distance	up to 6 m (20 ft.)	up to 5 m (16.4 ft.)
Angle of Illumination	360°	
Number of IR LEDs	High power / High efficiency SMD type	
Peak Emission Wavelength (nm)	850	

Network	CM-6206	CM-6212
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	ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, 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)	12 VDC PoE (class 3 to class 0)
Power Consumption	8W / 10W with IR	9W / 11W with IR
Power Connector	DC terminal block or PoE	Terminal Block or PoE
Environmental		
Operating Temperature ²	-10° to 50° C (-14° 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; UL60950	UL, FCC Part 15 (subpart B, class A)
International	CE (EN55022-1998 Class A; EN50130-4; EN60950; RoHS)	CE marked, EN61000-6-4 class A En50130-4, RoHS
MTBF (hrs)	335,022	

1 Excluding countries where disallowed
2 Outdoor IR models support -10° for cold start with POE

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.



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