

CM-6212



# FLIR QUASAR™

## 12MP Hemispheric Mini-Dome Camera

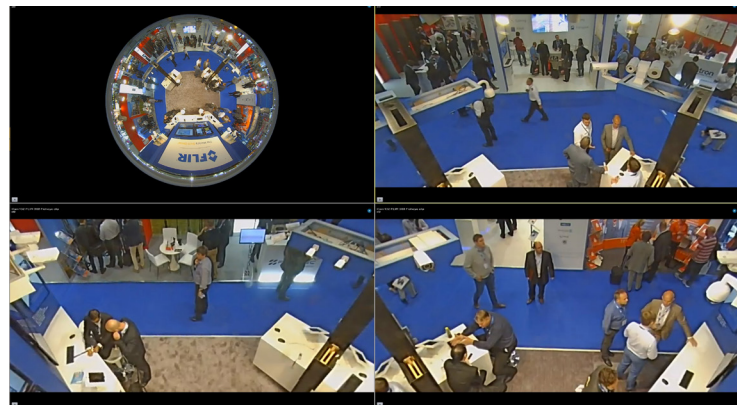
### 360° VIDEO CAPTURE. IMMERSIVE EXPERIENCE.

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
- 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                       | 1/1.7" BSI CMOS   |
| Sensor Resolution                  | 4000 x 3000   |
| Scanning Mode                      | Progressive   |
| Sensitivity                        | 0.1 (color) / 0.01 (BW), 0 Lux with IR illuminator ON.<br>Measured with DSS OFF at 30 IRE |
| Lens Type                          | 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 (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                | H.264 20 fps @ 4000x3000 (NTSC/PAL)   |
| Resolution Range                   | Scalable from D1 to 4000x3000   |
| Bandwidth                          | Configurable between 64Kbps and 20Mbps  |
| Rate Control                       | CBR/VBR   |
| SD Card Recording <sup>1</sup>     | Micro SDXC up to 128GB (Class 10)   |
| Audio                              |   |
| Bi-Directional Audio               | Full duplex, line in and line out,<br>G.711, G.726, AAC, LPCM                             |
| Audio Connections                  | Terminal block  |
| IR Illuminator                     |   |
| Distance                           | up to 5 m (16.4 ft.)  |
| Angle of Illumination              | 360°  |
| LED Type                           | High power / High efficiency SMD type   |
| Peak Emission Wavelength (nm)      | 850   |

| Network                            |  |
|------------------------------------|--|
| Network Protocols                  | 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 / Output                     | 1 Dry Contact In / 1 Relay Out   |
| 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 3 to class 0)  |
| Power Consumption                  | 9W / 11W with IR   |
| Power Connector                    | Terminal Block or PoE  |
| Environmental                      |  |
| Operating Temperature <sup>2</sup> | -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                                | UL, FCC Part 15 (subpart B, class A)   |
| International                      | CE marked, EN61000-6-4 class A EN50130-4, RoHS   |
| MTBF (hrs)                         | 335,022  |

<sup>1</sup> Excluding countries where disallowed

<sup>2</sup> Outdoor IR models support -10° for cold start with POE

## Camera Ordering Information

| Type             | Series             | Camera Resolution | Lens Option     | Environmental               | IR Illuminator       |
|------------------|--------------------|-------------------|-----------------|-----------------------------|----------------------|
| CM               | 62                 | 12                | H               | 1                           | I                    |
| Mini-Dome Camera | 62 = Quasar Gen II | 12 = 12 MP        | H = Hemispheric | 1 = IP66 Vandal with Heater | I = 360° Illuminator |

| Accessories    |               |   |
|----------------|---------------|---|
| Surface Mount  | CM-4S-62      | 4S Mounting Adapter for CM-62xx Series Mini-dome Cameras.   |
|                | CM-BKBX-62    | Back Box for CM-62xx Series Mini-dome Cameras.  |
| Wall Mount     | CM-CAPX-IND-W | Indoor Wall Mount Kit for CM-62 Series Minidome Cameras. Includes Pendant Cap with 18cm threaded wall mount bracket.        |
|                | CM-CAPX-OUT-W | Outdoor Wall Mount Kit for CM-62xx Series Mini-dome Cameras, includes sunshield, Pendant Cap, 18cm threaded wall mount arm. |
| Pendant Mount  | CM-CAPX-IND-P | Indoor Pendant Cap for CM-62 Series Minidome Cameras.   |
|                | CM-CAPX-OUT-P | Outdoor Pendant Cap for CM-62xx Series Mini-dome Cameras, includes sunshield.   |
| Recessed Mount | CM-RCSD-G2    | Recessed Kit for CM-62xx/33xx/31xx Series Mini-dome Cameras.  |
| Pole Mount     | CM-CAPX-OUT-P | Outdoor Pendant Cap for CM-62xx Series Mini-dome Cameras, includes sunshield.   |
|                | CX-POLE-0     | Pole Mount Adapter Bracket includes CX-ARMX-1   |
|                | CM-F150-62    | 1.5" NPT Inner Threaded (f) to 1/4 Turn (m) Adapter   |

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### Point of Sale & Barcode Solutions

POSMarket specialises in providing point of sale (POS), barcode and mobile data solutions for smart businesses. We service all industries including retail and hospitality, transport and logistics, government, healthcare, manufacturing and warehousing. Our expert team can provide solutions that can save your business money today.

### Shop By Department

#### Barcode Scanners



- Barcode Readers
- Barcode Software
- Data Collectors

#### Mobile Computers



- Mobile Computers
- Data Collectors
- Vehicle Computers

#### Label Printers



- Desktop Printers
- Industrial Printers
- Mobile Printers

#### Point of Sale



- POS Systems
- Receipt Printers
- Scales

#### ID Card Printing



- ID Card Printers
- ID Software
- Card Printer Supplies

#### Media & Accessories



- Labels
- Ribbons
- Paper Rolls

#### Software



- Inventory Software
- Asset Tracking
- Barcode Software

#### Wireless



- Wifi Systems
- Pager Systems
- Site Surveys

#### RFID



- RFID Printers
- RFID Readers
- RFID Tags

### Shop By Industry



#### Education/Libraries

Timesaving printing solutions to meet all your staff, student & asset identification needs. Need **Labels and Printers**? From **scanners** to **receipt printers**, whatever your needs, we are here to help.



#### Retail Stores

Keep customers coming back and keep stock from running out. Check out our range of **scanners**, **cash drawers**, **receipt printers** and **cash registers**.



#### Cafes/Restaurants

We can help you to decrease lines for your customers, complete tableside transactions, or reward patrons with **loyalty cards**. From cash registers to touch screen systems we can assist.



#### Warehouse Management

Our superior **warehousing solutions** will allow your business to provide comprehensive, up-to-date information and streamline your processes to improve efficiency.



#### Construction

Keep track of your inventory and stop inventory shrinkage. Our inventory tracking software allows you to easily keep control of your stock.



#### Hospitals/Healthcare

Improve patient care with the accurate identification of patients, medications, samples, treatments, lab results & records. We have a huge range of **label printers**, **consumables** & **scanners**.



#### Transport & Logistics

Track materials through your facility or through your supply chain using **labels**, **barcode scanners** and **portable data terminals**. Optimize your production and information flows.



#### Government

We can supply you with all your needs, from **receipt printers** and **cash drawers**, to **barcode scanners** and **label printers**. Less paperwork, data entry and time spent looking up records.



#### Mining

Rugged identification solutions help manage assets from the ground up. From **portable data terminals** and **scanners** to **software** and **printers**, we can find a solution to meet your needs.

### Shop By Brand

