CP-6302-30-R

CP-6302-31-P

Quasar™
1080p Dome PTZ

The FLIR Quasar 1080p Dome PTZ camera is designed to tackle the most challenging environments. The camera combines the latest PTZ technology, optics, mechanics and image quality performance. It is the perfect choice for city surveillance deployments, critical infrastructure, airports, and other high-profile security applications that require wide coverage.

www.flir.com/security

LONG-RANGE SURVEILLANCE

Observe, detect and classify objects at long distances and across wide areas in diverse lighting conditions.

SUPERIOR MECHANICAL DESIGN

Built for long-lasting indoor and outdoor operations, the camera's servo-feedback motors offer accurate pan-tilt positioning, with low power consumption.

END-TO-END SOLUTION WITH FLIR UNITED VMS

Adaptive streaming, reduced bandwidth, and extended PTZ controls using Control Center or the EZ client web interface create a superior user experience.

SPECIFICATIONS

Camera

Image Sensor	1/2.8" CMOS
Maximum Resolution	1920x1080 (FHD1080p)
Scanning Mode	Progressive
Optical/Digital Zoom	30x / Up to 10x
Focal Lengths	4.3 to 129 mm
Focus Mode	Auto / Manual
White Balance	Auto / Indoor / Outdoor / ATW / Manual
Iris Control	Auto / Manual
Digital Slow Shutter (DSS)	1 to 1/30 (NTSC) or 1/1.5 to 1/25 (PAL)
AGC Control	Auto / Manual
Back Light Compensation	On / Off
Wide Dynamic Range	On / Off
3D Noise Reduction	On / Off
Tamper Detection	On / Off
Elec. Image Stabilization	On / Off
Video Motion Detection	On / Off - up to 4 independent zones
Privacy Zones	On / Off - 20 zones
Day / Night: IR Cut Filter	Auto / Manual
Image Rotation	Mechanical/Off
Minimum Illumination	0.02 lux (color) / 0.005 lux (BW) Measured with DSS Off at 30 IRE
Signal to Noise Ratio	±50 dB

PTZ

Pan/Tilt Travel	360° continuous /-20° to 200°
Manual Speed	Pan: 0.1° to 90°/s, Tilt: 0.1° to 60°/s
Horizontal Viewing Angles	68.7° (Wide) to 2.6° (Tele)
Presets / Preset Accuracy	256 / Pan: 0.16° Tilt: 0.18°
Preset Speed	Pan: 5° to 400° / sec Tilt: 5° to 300°/sec
Seq./Auto Pan/Pattern	8 / 4 / 8
Auto Flip	Mechanical / Off
Proportional Pan & Tilt	On / Off (pan and tilt speed proportional to zoom ratio)
Power loss recovery	Yes
Home Function	Preset / Sequence / Auto Pan / Pattern

Electrical

Input Voltage	802.3at PoE+, 12VDC, 24 VAC(indoor/outdoor)
Power Consumption	Max 25.4W with heater and IR on
Power Connector	PoE / Terminal Block

PTZ Power Options

POE	CP-POE-60W-US	60W USA Power Injector
	CP-POE-60W-EU	60W EU Power Injector
24VAC	CX-PRWR-241	Nema 4x 24 VAC Power Supply in Weather Resistant Enclosure for 1 PTZ

Video

Compression	Multi-Stream H.264 / H.265 / MJPEG
Maximum Performance	H.264/H.265 60/50 fps @ FHD + 30/25 fps @ 720P + D1 (NTSC/PAL)
Resolution Range	Scalable from CIF to HD 1080p Analog Output	1 – composite video output BNC
Bandwidth	Configurable between 64 Kbps and 8 Mbps
Rate Control	CBR / VBR
SD Card Recording*	microSDXC up to 128GB (Class 10)

Audio

Bi-Directional Audio	Full duplex, line in/line out, G.711, G.726, AAC
Bandwidth	Configurable between 16 kbps & 64 Kbps
Audio Connections	Terminal block

Network

Network Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF S/G, ARP, IEEE 802.1X
Ethernet	10 / 100 Base-T auto sensing, half / full duplex (RJ45)
Configuration	Remote: via web access or supported VMS
Firmware Upgrade	Flash upgrade via network (1GB Flash / 2GB RAM)
Supported Web	Internet Explorer 10.0+
Security	User account with password protection and IP Filter

Physical

Enclosure Rating	CP-6302-31-P: IK10 / IP66
Dimensions	CP-6302-30-R: 212 x 263.6 mm (8.35 x 10.38 in.) CP-6302-31-P: 210 x 279mm with sun shield (8.27 x 10.98 in.)
Unit Weight	CP-6302-30-R: 2.6 Kg (5.73 lbs.) CP-6302-31-P: 2.9 Kg (6.39 lbs.)
Bubble	IK10 vandal resistant polycarbonate
Bubble F-Stop	Bubble transmittance 0.9 (90%)

Environmental

Operating Temperature	CP-6302-31-P: -45° to 50° C (-49° to 122° F) CP-6302-30-R: N/A
Storage Temperature	-20° to 70° C (-4° to 158° F)
Humidity	10% ~ 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, EN 50130-4, EN61000-6-4 (Class A), RoHS
MTBF (hrs)	348,786

PTZ Mounting Options

CX-ARMX-G3	Wall mount bracket 1.5" NPT (m) threaded
CX-ELBX-G3	Wall mount bracket 1.5" NPT (m) threaded with IP68 electrical box enclosure
CX-GSNK-G3	Goose-neck mount 1.5" NPT (m) threaded with IP68 electrical box enclosure
CX-CRNR-G3	90° Exterior Angle corner adapter for Cx-xxxx-G3 mounts
CX-POLE-G3	Pole Adapter for Cx-xxxx-G3 mounts including 2.5" - 8.5" straps

Camera Ordering Information

Type	Series	Camera Resolution	Lens Options	Environmental	Add-on
CP	XX	XX	X	X	X
Camera PTZ	63 = Quasar Gen III	02 = FHD 1080p	3 = 30x Optical Zoom	0 = Indoor 1 = Outdoor	P = Pendant mount (with bubble) R = Recessed mount (with bubble)

*Excluding countries where disallowed.
Specifications are subject to change without notice.
For the most up-to-date specs, go to www.flir.com

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