



4K QUALITY. LOWEST BANDWIDTH. PREDICTABLE STORAGE.

The next generation of Quasar cameras brings the most advanced technologies with 4K Ultra HD, the new evidentiary standard, and building upon the proven foundation of best in class broadcast quality cameras.

Offering the industry's lowest bandwidth through its broadcast motion processing architecture, the 4K Ultra HD camera series delivers predictable storage, lower utility costs and a reduced Total Cost of Ownership (TCO).

Now you can... get the 4K evidence you need at a price you can afford. Deploy a 4K Ultra HD 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 using the most technologically advanced HD IP camera.

Features

- Broadcast Quality Video
- Multi-streaming at the highest frame rates
- 4K Ultra HD at full frame rate and the lowest bit rate
- P-Iris
- Indoor/Outdoor
- Vandal Resistant
- IR Illumination
- Web interface for viewing and configuration



A FLIR 4K Certified Solution



General Specifications

Camera			
Image Sensor	1/1 7" PSI CMOS		
Sensor Resolution	1/1.7" BSI CMOS		
	12M 4072×3076		
Scanning Mode	Progressive		
Sensitivity	0.3 (color)/0.04 (BW), 0 Lux with IR illuminator ON, measured with DSS OFF		
	at 30 IRE		
Lens Type	CB-6208-11-I: Varifocal 3.5-8mm,		
Lens Type	116°-50° HFOV, F1.4		
	CB-6208-21-I: Varifocal 9-22mm.		
	45°-18° HFOV, F1.4		
	Motorized with auto-focus,		
	Auto-Iris/P-Iris, 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 / indoor / outdoor / ATW / manual		
Automatic Gain Control	Auto		
Back Light Compression	On / Off		
Iris Control	P-iris		
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			
Compression	Fully compliant multi-stream H.264		
- Compression	main/high/SVC/baseline profile +		
	MJPEG (FHD)		
Maximum Performance ¹	H.264 30/25 FPS @ 4K (NTSC/PAL) or		
	H.264 15/12 FPS @ 4K + 1080p + 720p		
	+ D1 (NTSC/PAL)		
Resolution Range	Scalable from CIF to UHD 4K		
Bandwidth	Configurable between 64Kbps		
	and 20Mbps		
Rate Control	CBR/VBR		
SD Card Recording ²	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 40 m (131 ft.)		
Angle of Illumination	Full 60°		
Number of IR LEDs	6 high power / high efficiency SMD type		
Peak Emission Wavelength (nm)	850		
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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 (1GB Flash / 8GB RAM)			
Supported Web Browser	Internet Explorer 9+			
Security	User account with password protection and IP filte			
Alarm				
Input	1 dry alarm contact			
Output	1 relay contact, 300V AC / DC at 130 mA maximum			
Physical				
Input	1 dry alarm contact			
Output	1 relay contact, 300V AC / DC at 130 mA maximum			
Mechanical				
Pan / Tilt / Rotate	360, ±90° and 360			
Electrical				
Input Voltage	802.3af PoE (Class 0)			
Power Consumption	6W indoor or 13W outdoors with heater / IR			
Power Connector	AC / DC terminal block or PoE			
Environmental				
Operating Temperature3	-40° to 50° C (-40° to 122° F)			
Storage Temperature	-20° to 70° C (-4° to 158° F)			
Humidity	95% (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, EN55022-1998 class A, EN55024, 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 Maximum of 15/12 FPS in Corridor mode
- 2 Excluding countries where disallowed
- 3 Outdoor IR models support -25° C for cold start with POE

Camera Ordering Information

Туре	Series	Camera Resolution	Lens Option	Environmental	IR Illuminator
СВ	62	08	X	1	I
Bullet Camera	62 = Quasar Gen II	08 = 4K UHD	1= 3.5-8mm 2= 9-22mm	1 = IP66 Vandal with Heater	I = 60° Illuminator

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