

by dvtel

Highest Quality. Lowest Bandwidth. Predictable Storage.

QUASAR CP-4221-301

HD 1080p PTZ

The Quasar family now offers an HD 1080p PTZ camera, offering broadcast video quality and guaranteed frame rates in high motion, complex and low light scenes.

The DVTEL Quasar CP-4221-301 HD PTZ delivers one of the lowest bandwidths in the industry through its advanced H.264 motion processing technology.

Now you can...reduce your Total Cost of Ownership (TCO) by deploying this high quality surveillance solution that easily handles the wide variations in motion and lighting found in airports, city surveillance projects, critical infrastructure sites, commercial offices and campuses.

Features	Benefits
Broadcast quality multi-stream H.264 video	Crisp, clean video for supreme identification
Guaranteed frame rates in complex, high motion scenes	Maintains evidentiary integrity of video in challenging surveillance conditions
Broadcast quality motion processing	Maintains lowest bit rates regardless of motion/scene complexity; lowers TCO with predictable storage and network requirements
Auto-tune technology	Best out-of-the-box experience with no adjustments; auto scene adaptation eliminates service calls
Edge-based recording and meta data	Protects against network outages

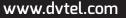


FEATURES

- HD Broadcast Quality H.264 Video
- Multi-streaming at the highest frame rates
- HD 1080p at the lowest bit rate
- Included analytics:
 - Tamper Detection - Multi-zone VMD
- Wide Dynamic Range (WDR)
- 30x Indoor or Outdoor continuous auto focus HD precision zoom lens
- Privacy Masking
- Bi-directional audio
- PTZ models offer 24 VAC and PoE options
- Web interface for viewing, control & configuration



VIDEO INNOVATION TO SECURE YOUR BUSINESS



Οηνιέ

Quasar by dvtel



Highest Quality. Lowest Bandwidth. Predictable Storage.

QUASAR CP-4221-301

HD 1080p PTZ

General Specifications

Camera					
Image Sensor	1/2.8" CMOS				
Maximum Resolution	· · · · · · · · · · · · · · · · · · ·				
	1920x1080 (HD 1080p)				
Scanning Mode	Progressive				
Optical Zoom	30x				
Digital Zoom	1 to 12 variable				
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)	1.0 to 1 / 10,000 with up to 32x sensitivity boost in color or night mode				
AGC Control	Auto / Manual				
Back Light Compensation	On / Off				
Wide Dynamic Range (Multi-shutter)	On / Off				
3D Noise Reduction	On / Off				
Tamper Detection	On / Off				
Electronic Image Stabilization	On / Off				
Video Motion Detection	On / Off - up to 10 independent zones				
Privacy Zones	On / Off - 16 zones				
Day / Night: IR Cut Filter	Auto / Manual				
Image Rotation	Normal / Flip / Mirror				
Minimum Illumination	0.3 (color) / 0.04 (BW), measured with DSS Off at 30 IRE				
Signal to Noise Ratio (SNR)	±50 dB				
PTZ					
Pan Travel	360° continuous				
Tilt Travel	-10° to 190°				
Manual Speed	0.13° to 90° / sec				
Horizontal Viewing Angles	65.3° (Wide) to 2.2° (Tele)				
Presets	256				
Preset Accuracy	0.225°				
Preset Speed	5° to 400° / sec				
Maximum Pan-Tilt Speed	400° / sec				
Sequence	8				
Auto Pan	4				
Pattern	8				
Auto Flip	Digital / Mechanical / Off				
Proportional Pan & Tilt	On / Off (pan and tilt speed proportional to zoom ratio)				
Resume After Power Loss	Yes				
Home Function	Preset / Sequence / Auto Pan / Pattern				
Alarm					
Alarm	Input: 4 dry alarm contact Output: 2 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max				
Alarm Reaction	Preset / Sequence / Auto Pan / Pattern				
Electrical					
Input Voltage	PoE++ 802.3at (indoor/outdoor), AC 24V ±10%				
Power Consumption	Max 65W outdoor with heater operating				
Power Connector	Terminal block				
Video					
Compression	Dual Streaming H.264 / H.264 or H.264 / MJPEG				
•					
Maximum Performance	30fps @ HD 1080p + 30fps @ D1 or 15+15 @ HD 1080p				

Resolution Range	Scalable from CIF to HD 1080p				
Bandwidth	Configurable between 64 Kbps and 8 Mbps				
Rate Control	CBR / VBR				
SD Card Recording*	SDXC up to 64 GByte				
Audio					
Bi-Directional Audio	Full duplex, line / mic in and line out, G.711, G.726				
Bandwidth	Configurable between 16 kbps & 64 Kbps (depending on compression method)				
Audio Connections	Terminal block				
Network					
Network Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHC PPPOE, UPnP, IGMP, SNMP, SNTP, IEEE 802.1X, QoS,ONVIF Profile S				
Ethernet	10 / 100 Base-T auto sensing, half / full duplex (RJ45)				
Configuration	Remote: via web access or supported video management software				
Firmware Upgrade	Flash memory for upgrade of camera firmware over the network (1GB Flash / 2GB RAM)				
Supported Web Browser	Internet Explorer 6.0+				
Security	User account and password protection**				
Physical					
Enclosure Rating	Tamper resistant surface mount or IK10 rated vandal IP66 outdoor housing				
Dimensions	191.97 x 282.11 mm (7.55 x 11.1 in.)				
Unit Weight	2.32 Kg (5.11 lbs.)				
Mechanical					
Bubble Rating	IK10 vandal resistant polycarbonate				
Bubble F-Stop	F0.0 - clear bubble				
Environmental					
Operating Temperature	-45° to 50° C (-49° to 122° F)				
Storage Temperature	-20° to 70° C (-4° to 158° F)				
Humidity	95% (non-condensing)				
Warranty & Regulatory					
USA	UL, FCC Part 15 (Subpart B, class A)				
International	national CE Marked, EN55022-1998 Class A, EN55024, RoHS				

Camera Ordering Information

Туре		Series	Camera Resolution	Included Analytics		Lens Option	Environmental
СР	-	42	2	1	-	XX	х
PTZ Camera	-	42 = Quasar Series	2 = HD 1080p	1 = Intelligent Multi-zone VMD and Tamper Detection	-	30 = 30x Optical Zoom	1 = Outdoor IP66 Vandal with Heater/Fan

Note: Warranty – According to DVTEL RMA Policy and Process Notice document

* Excluding countries where disallowed

** Quasar cameras are auto authenticated and discovered automatically by the Latitude VMS

Accessories

A complete list of mounts, brackets, pole mounts and recess kits for cameras can be found in the DVTEL Price List and Camera Accessory Guide.