

govcomm

Intelligent Transportation Systems External Positioner (Fixed) Camera Technical Specifications Model GC-IL-421



Key Attributes

- 2 Megapixel Full HD1080p Video
- Excellent for Difficult Lighting Conditions
- Wide Dynamic Range
- Smart Infrared Illuminators - 100 Meter Range
- Motorized Lens with Smart Focus
- Supports up to 128G On-Board Storage
- Power Options - 12VDC or PoE
- Ingress Protection Rating IP67
- Built-in Mounting Bracket - Pole Mount Adapter Optional



Product picture and technical specifications are subject to change without notice.
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Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Minimum Illumination	0.0027 lux @ (f/1.4, AGC on), 0 lux with IR
AGC	Auto/Manual
Signal to Noise Ratio	≥ 60dB
Shutter Speed	1 s to 1/100,000 s
Lens	2.8mm to 12mm @ F1.4, 92°~32° 8 mm to 32 mm @ f/1.4, 28° to 12°
Lens Mount	AF automatic focusing and motorized zoom lens
Auto-Iris	DC drive
Day and Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
WDR	120dB
Compression Standard	
Video Compression	H.264+/H.264/MPEG4/MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Max. Resolution	1920 x 1080
Main Stream	60 fps (1920 × 1080)/(1280 × 960)/(1280 × 720)
Third Stream	60 fps (1920 × 1080)/(1280 × 960)/(1280 × 720)/(704X480)/(640X480)/(352X240)
BLC	Supported, zone optional
Defog	Supported
EIS	Supported
Day/Night Switch	Auto/schedule/triggered by alarm in
ROI	Supports
Picture Overlay	128 x 128 24-bit BMP format overlay, zone optional
Network	
Network Storage	MicroSD/SDHC/SDXC card with ANR (up to 128 GB), NAS (supports NFS, SMB/CIFS)
Alarm Trigger	Line crossing detection, intrusion detection, scene change detection, audio exception detection, motion detection, dynamic analysis, tampering alarm, network disconnect, IP address conflict, storage exception
Protocols	NTCIP, TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, watermark, IP address filtering, anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
Smart Feature-Set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal



Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance	Enter a pre-defined virtual region from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screen in real time)
General	
Protection Level	IP67
Operating Conditions	-40°F – 175°F, Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10%, PoE (802.3af)
IR Distance	Up to 100m
Power Consumption	Max. 12 W
Dimensions	3.94" × 4.09" × 12.28" (100×103.9×311.8 mm)
Weight	4.41 lbs (2000 g)

Dimensions

