

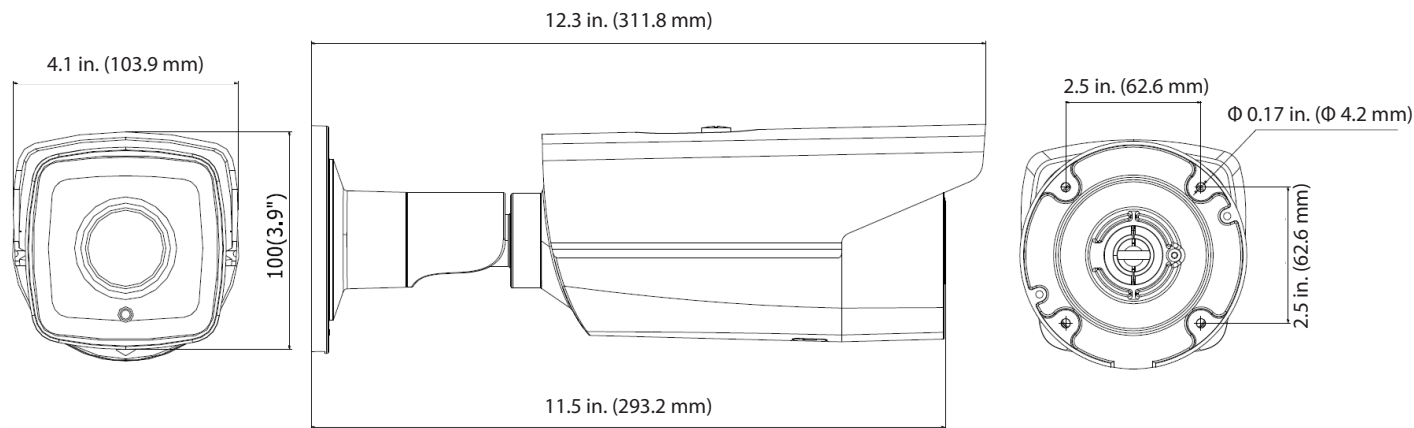
## External Positioner (Fixed) Camera Model GC-IL-421

### 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



### Dimensions



Version 2.1

## 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

## Network (Cont'd)

- ◆ **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)

**NTCIP**

