

Fixed Dome Camera Model GC-ID-421

Key Attributes

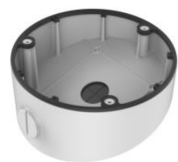
- ◆ 2 Megapixel Full HD1080p Video
- ◆ Excellent for Difficult Lighting Conditions
- ◆ Wide Dynamic Range
- ◆ Smart Infrared Illuminators - 40 Meter Range
- ◆ Motorized Lens with Smart Focus
- ◆ Supports up to 128G On-Board Storage
- ◆ Power Options - 24VAC, 12VDC or PoE
- ◆ Ingress Protection Rating IP67



Brackets



Junction Box



Inclined Ceiling Mount



Wall Mount

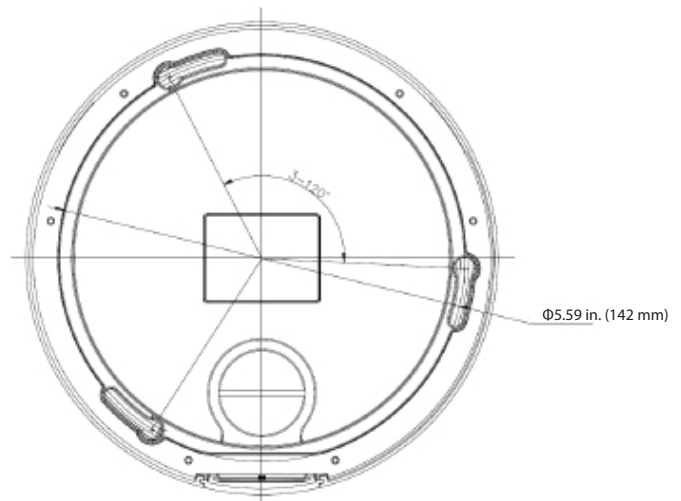
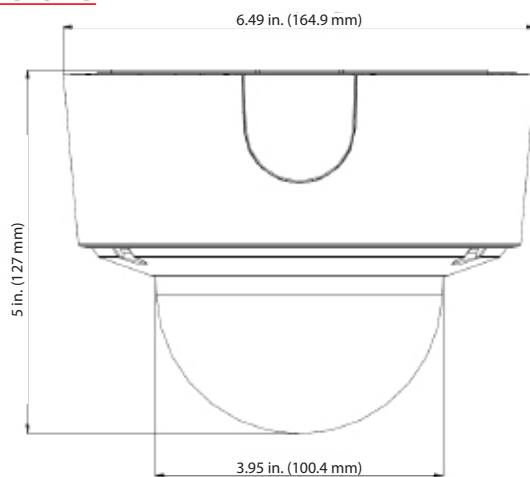


Wall Mount with Junction Box



Pendant Mount

Dimensions



Version 2.1

Camera

- ◆ **Image Sensor:** 1/1.8" Progressive Scan CMOS
- ◆ **Minimum Illumination:** 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR
- ◆ **AGC:** Auto / Manual
- ◆ **Signal to Noise Ratio:** ≥ 60dB
- ◆ **Shutter Speed:** 1s to 1/100,000s
- ◆ **Lens:**
 - ◆ 2.8mm to 12mm @ F1.4, 92° to 32°
 - ◆ 8 mm to 32 mm @ F1.4, 28° to 12°
- ◆ **Lens Mount:** Ø14
- ◆ **Angle Adjustment:** Pan: 0° to 355°, Tilt: 0° to 75°
- ◆ **Auto-Iris:** DC Drive
- ◆ **Day and Night:** IR Cut Filter with auto switch
- ◆ **Wide Dynamic Range:** 120dB

Compression Standard

- ◆ **Video Compression:** H.264+ / H.264 / MPEG4 / MJPEG
- ◆ **H.264:** Baseline Profile / Main Profile / High Profile
- ◆ **Video Bit Rate:** 32 Kbps to 16 Mbps
- ◆ **Audio Compression:** G.711 / G.722.1 / G.726 / MP2L2
- ◆ **Audio Bit Rate:** 64Kbps (G.711) / 16Kbps (G.722.1) / 16Kbps (G.726) / 32-128Kbps (MP2L2)

Image

- ◆ **Max. Resolution:** 1920 x 1080
- ◆ **Frame Rate:** 60 fps (1920 × 1080)/(1280 × 960)/(1280 × 720)
- ◆ **Third Stream:** 60 fps (1920 × 1080)/(1280 × 960)/(1280 × 720)/(704X480)/(640X480)/(352X240)
- ◆ **Defog:** Supports
- ◆ **Day/Night Switch:** Auto / Schedule / Triggered by Alarm In
- ◆ **ROI:** Supports
- ◆ **Picture Overlay:** 24bit BMP format overlay, zone optional

Interface

- ◆ **Audio Input:** 1-ch 3.5 mm audio interface, Mic in/Line in
- ◆ **Audio Output:** 1-ch 3.5 mm audio interface
- ◆ **Communication Interface:** 1 RJ45 10M/100M Ethernet port, 1 RS-485 interface
- ◆ **Alarm Input/Output:** 1/1
- ◆ **Video Output:** 1Vp-p composite output (75 Ω/BNC)
- ◆ **On-board Storage:** Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
- ◆ **Reset Button:** Yes

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
- ◆ **Communication Interface:** 1 RJ-45 10M/100M Ethernet interface

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
- ◆ **Recognition:** Face detection recognition
- ◆ **Statistics:** Object Counting (Entrance and Exit object number is accounted and showed on screen in real time)

General

- ◆ **Protection Level:** IP67 , IK10, UL Listed
- ◆ **Operating Conditions:** -40°F to 175°F, humidity 95% or less (non-condensing)
- ◆ **Power Supply:** 12 VDC/24 VAC/PoE+ (802.3at)
- ◆ **IR Distance:** Up to 40m
- ◆ **Power Consumption:** Maximum 17 W
- ◆ **Dimensions:** $\Phi 6.49" \times 5"$ ($\Phi 164.9 \times 127$ mm)
- ◆ **Weight:** 4.63 lb (2.10 kg)l time)

