

**GD-CI-CP2747P**

2 MP PTZ Dome IP-Camera 32x Zoom ICR IR LED WDR H.265+



- Deep Learning - Human and Vehicle Analysis: Self learning human and vehicle classification improves unwanted alarm filtering
- Intelligent Video Analytics Function
- 32x motorized optical zoom with 16x digital zoom
- Privacy Zone Masking Function
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 0 Lux: Integrated LED IR Illuminator viewable distance up to 200m (Detection)
- Supports 24 VAC & HI Power over Ethernet (PoE)

**PROFESSIONAL**

- Product Line Professional: These products cover most applications of modern video systems

Item Code: GD-CI-CP2747P

EAN CODE: 4260573063161

## Specifications GD-CI-CP2747P

**Camera**

Image Sensor:	1/2.8" progressive Scan CMOS
Video Resolution:	1920 x 1080
Sensitivity Colour:	0.005 Lux @ F1.6 (AGC ON)
Sensitivity B/W:	0.001 Lux @ (F1.6, AGC ON)
Shutter Speed:	1 ~ 1/30,000 s
White Balance:	Auto, Manual, ATW, Indoor, Outdoor, Flourescent light, Sodium light

**Lens**

Lens Focal Length:	4.8 ~ 153 mm motorized, autofocus
Iris F-Number:	F1.6
Lens Drive Type:	Auto Iris (DC)
Focus Adjustment:	Auto, Manual
Optical Zoom Ratio:	32x
Digital Zoom:	16x
Field of View:	50.8° ~ 2.6° (horizontal), 29.4° ~ 1.5° (vertical), 57.4° ~ 3° (diagonal)

**Illuminator**

Max. IR Distance:	Up to 200m
Wavelength:	850 nm
IR angle:	Adjustable by zoom

**Video**

Col/B&W:	Auto, Color, Removable IR-Cut Filter (ICR)
Wide Dynamic Range:	120 dB
Image Enhancement:	BLC, 3D DNR, Defog, EIS, HLC, AGC, Regional Exposure, Regional Focus
Day/Night Switch:	Color, BW, Auto

**Audio**

Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio bit rate:	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps (AAC)/32 to 192 Kbps (MP2L2)/32 Kbps (PCM)
Audio detection:	Off, On

**General**

Speakers:	yes
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**Network**

Users:	Up to 32 users, 3 levels: Administrator, Operator and User
Number of Clients:	Up to 20 simultaneously
Video Compression:	Main Stream: H.264, H.264+, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEG Third Stream: H.264, H.265, MJPEG
H.264 code profile:	Baseline Profile / Main Profile / High Profile

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### Network

Bit Rate:	32Kbps ~ 16Mbps
Scalable Video Coding (SVC):	supported
SD memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)
Frame Rate:	Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub Stream 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 576, 640 × 480, 352 × 240) Third Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Network Protocol:	TCP/IP, IPv4, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, UDP, PPPoE, SNMP
Cyber Security:	3 levels of user management: admin, operator, user, AES Encryption for Password Protection, Complicated Password, HTTPS (SSL) Login Authentication, Basic and digest authentication for HTTP/HTTPS, 802.1X authentication, (EAP-LEAP), 802.1X authentication (EAP-TLS), 802.1X authentication (EAP-MD5), Watermark, IP Address Filter, WSSE and digest authentication for ONVIF, SNMP V2, SNMP V3, TLS 1.0, TLS 1.1, TLS 1.2, TLS 1.2 with updated cipher suites including AES 256 encryption. Brute Force Delay Protection, Signed Firmware, Secure Boot by hardware check
Network Storage:	Micro SD, SDHC, SDXC card with ANR (up to 256G), NAS (Support NFS, SMB, CIFS)

### Pan Tilt Zoom

Number of Privacy Zones:	24 programmable zones
Number of Patrols:	8 patrols, up to 32 presets for each patrol
Number of Pattern:	4 pattern scans, record time over 10 minutes for each scan
Number of Preset:	300
Pan Speed:	Configurable, from 0.1°/sec to 160°/sec, Preset Speed: 240°/sec
Tilt Speed:	Configurable from 0.1°/sec to 120°/sec, Preset Speed: 200°/sec
Range Panning:	360° endless
Range Tilting:	-15° ~ 90° (auto flip)
Schedule:	Preset, Pattern Scan, Patrol Scan, Auto Scan, Tilt Scan, Random Scan, Frame Scan, Panorama Scan, Dome Reboot, Dome Adjust, Aux Output
Park Action:	Preset, Pattern, Auto scan, Tilt scan, Random scan, Frame scan, Panorama scan
Preset Freezing:	Support
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples
PTZ Status Display:	ON, OFF
Tracking Functions:	Manual Tracking, Auto Tracking

### I/O Interface

Network Interface:	1x 10, 100 Base T, TX HiPoE (RJ-45)
Alarm Input/Output:	2 inputs, 1 output (up to 12 VDC, 30 mA), terminal block
Audio Input/Output:	1-ch audio input and 1-ch audio output

### Intelligent Functions

Motion Detection:	On, Off, Area Setting
Tamper protection:	Scene change and defocus

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**Intelligent Functions**

Deep Learning Analytics:	Face Capture, Line crossing detection, intrusion detection, region entrance detection, region exiting detection, detection of people and vehicles with preselected features
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
Face Detection:	Up to 5 human faces can be captured simultaneously and supports detecting, capturing, gradind, selecting of face in motion and output tbe best face image

**Approvals**

Regulation:	CE, EAC, FCC, RoHS Compliant
Protection Rating:	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002)
Standard:	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK

**Environmental**

Operating Temperature:	-40 °C ~ 65 °C (-40 °F ~ 149 °F)
Humidity:	Less than 95%, non condensing

**Electrical**

Surge Protection:	TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Supply Voltage:	24 VAC, Hi-PoE (IEEE 802.3bt)
Power Consumption:	Max. 42 W

**Mechanical**

Dimensions:	Ø 220 × 363 mm (Ø 8.66 × 13.91 inch)
Weight:	5000 g (11.03 lb.)

**Accessories:**

GD-BR-AWJ04



GD-BR-AMC04



GD-BR-AML06

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GD-BR-AMP01



GD-BR-AMP04



GD-BR-AMP06



GD-BR-AMP07



GD-BR-AMA01



GD-BR-AMS01



GD-BR-AMW08



GD-BR-AMW10