

**GD-CI-AP4746P**

4 MP PTZ Dome IP-Camera 30x Zoom ICR IR LED



- 30x motorized optical zoom with 16x digital zoom
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- Privacy Zone Masking Function
- Panspeed (240°/sec) / Tiltspeed (200°/sec), minimum speed (0.1°/sec)
- Intelligent Video Analytics Function
- Supports 24 VAC & HI Power over Ethernet (PoE)
- 0 Lux: Integrated LED IR Illuminator viewable distance up to 200m (Detection)

**PROFESSIONAL**

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

Item Code: GD-CI-AP4746P

EAN CODE: 4260573060306

## Specifications GD-CI-AP4746P

**Camera**

Image Sensor:	1/1.9" progressive scan CMOS
Video Resolution:	2560 x 1440
Sensitivity Colour:	0.005 Lux @ (F1.5, AGC ON)
Sensitivity B/W:	0.002 Lux @ (F1.5, AGC ON) , 0 Lux with IR
Shutter Speed:	1 ~ 1/30,000 s
White Balance:	Auto, Manual, ATW, Indoor, Outdoor, Fluorescent light, Sodium light

**Lens**

Lens Focal Length:	5.9 ~ 177 mm motorized, autofocus
Iris F-Number:	F1.5 ~ F3.4
Lens Drive Type:	Auto Iris (DC)
Focus Adjustment:	Auto, Manual
Optical Zoom Ratio:	30X
Digital Zoom:	16x

**Illuminator**

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

**Video**

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

**Audio**

Audio Compression:	G.726, G.711 a, u, MP2L2, PCM, G.722.1
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**Network**

Access protection:	User authentication (ID and PW) , Host authentication (MAC address) , HTTPS encryption, IEEE 802.1x port-based network access control, IP address filtering
Video Compression:	Main Stream: H.265+, H.265, H.264+, H.264 Sub-Stream: H.265, H.264, MJPEG Third Stream: H.265, H.264, MJPEG
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Bit Rate:	64Kbps (G.711) , 16Kbps (G.722.1) , 16Kbps (G.726) , 32-160Kbps (MP2L2)
Bit Rate:	32Kbps ~ 16Mbps
Scalable Video Coding (SVC):	supported
SD memory:	Built-in Micro SD, SDHC, SDXC slot, up to 128 GB
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, UDP, PPPoE, SNMP

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### Network

Number of Clients:	Up to 32 simultaneously
Frame Rate:	Main Stream 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) Sub Stream 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 288)
Network Storage:	Micro SD, SDHC, SDXC card with ANR (up to 256G) , NAS (Support NFS, SMB, CIFS)

### Pan Tilt Zoom

Number of Privacy Zones:	8 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
Range Panning:	360° endless
Range Tilting:	-15° ~ 90°
Schedule:	Preset, Pattern Scan, Patrol Scan, Auto Scan, Tilt Scan, Random Scan, Frame Scan, Panorama Scan, Dome Reboot, Dome Adjust
Tilt Speed:	Configurable from 0.1°/sec to 120°/sec, Preset Speed: 200°/sec
Park Action:	Preset , Patrol , 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, Event Tracking

### I/O Interface

Alarm Input:	Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP, NAS, Send Email, etc.
Network Interface:	1x 10, 100 Base T, TX (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

Intelligent Video Analytics:	Detection of Intrusion, Line Crossing, Region Entrance, Region Exiting, Audio Alarm and Faces
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### Approvals

Regulation:	CE, EAC, FCC, RoHS Compliant
Protection Rating:	IP66, IK10
Standard:	ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

### Environmental

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

### Electrical

Surge Protection:	TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Supply Voltage:	24 VAC, PoE+ (IEEE 802.3at)
Power Consumption:	Max. 40 W

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**Mechanical**

Dimensions:  $\varnothing 220 \times 353.4 \text{ mm}$  ( $\varnothing 8.66 \times 13.91 \text{ inch}$ )

Weight: 4500 g (9.92 lb)

**Accessories:**



GD-BR-AWJ03



GD-BR-AMC04



GD-BR-AML06



GD-BR-AMP01



GD-BR-AMP04



GD-BR-AMP06



GD-BR-AMP07



GD-BR-AMA01



GD-BR-AMS01

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GD-BR-AMW08



GD-BR-AMW10