



Type: Turret - IP - Camera
Item Code: GD-CI-AP8617E
EAN CODE: 4260573062911

PROFESSIONAL

The PROFESSIONAL product line comprehensively covers modern video systems and offers versatile solutions for various areas of application.

Highlights

H.265+



H.265pro+ utilizes the standard H.265/High Efficiency Video Coding (HEVC) format, but boasts advanced technologies that enable it to substantially reduce the necessary transmission bandwidth and storage capacity for maximum efficiency.

Objekt Classification



This technology employs a highly advanced deep learning algorithm that can discern whether the alarm was triggered by a human, a vehicle or some other object.

Features

- 8 Megapixel IP Camera with real time video streaming
- Lens: f = 2.8 mm, 107° Horizontal Angle
- H.265/H.265+, H.264/H.264+ & MJPEG compression modes
- 0 Lux: Integrated LED IR Illuminator viewable distance up to 30m
- Reduction of unwanted alarms (false alarms) by classifying target objects using deep learning algorithms. This significantly reduces false alarms generated by objects other than people or vehicles. This makes finding events easier and saves hard drive capacity
- WDR (Wide Dynamic Range) for extreme backlight situations
- Built-in microphone

Specifications GD-CI-AP8617E

Camera

Image Sensor:	1/2.8" progressive Scan CMOS
Video Resolution:	3840 × 2160
Sensitivity Colour:	0.005 Lux @ F1.6 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1/3 ~ 1/100,000 s (Automated Electronic Shutter)
Slow Shutter:	Support

Lens

Lens Focal Length:	2.8 mm
Lens Mount:	M12
Field of View:	107° (horizontal), 57° (vertical), 128° (diagonal)

Illuminator

Max. IR Distance:	Up to 30 m
Wavelength:	850 nm

Video

Col/B&W:	On, Off, Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	120 dB
Image Enhancement:	BLC, 3D DNR, HLC
Image Settings:	Rotate mode, Saturation, Brightness, Contrast, Sharpness and white balance adjustable by client software or web browser
Day/Night Switch:	Support auto, scheduled, day, night

Audio

Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/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)/8 to 320 Kbps (MP3)
Environment Noise Filtering:	yes

Network

Users:	3 Levels: Administrator, Operator and User
Number of Clients:	Up to 32 simultaneously
Functions:	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP-address filter
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
Region of Interest:	1 fixed region for main stream and sub-stream
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Bit Rate:	32Kbps ~ 16Mbps, adjustable
Scalable Video Coding (SVC):	supported
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)

Network

Frame Rate:	Main Stream 50 Hz: 20 fps (3840 x 2160), 25 fps (3200 x 1800, 2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 20 fps (3840 x 2160), 30 fps (3200 x 1800, 2688 x 1520, 1920 x 1080, 1280 x 720) Sub Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 30 fps (640 x 480, 640 x 360) 3. Stream 50 Hz: 10 fps (1920 x 1080, 1280x720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280x720, 640 x 480, 640 x 360) *3. Stream is supported under certain settings.
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, Control timeout settings, Security audit log, 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

I/O Interface

Audio Input/Output:	Built-in microphone
Network Interface:	1x 10, 100 Base T, TX PoE+ (RJ-45)

Intelligent Functions

Deep Learning Analytics:	Line crossing detection, intrusion detection, human and vehicle object classification
Motion Detection:	Off, ON (Normal), Expert mode: 8 user-defined rectangular zones, by schedule
Intrusion Detection:	Enter and loiter in a pre-defined virtual region
Line Crossing:	Cross a pre-defined virtual line
Face Detection:	Human face appears in the image can be detected and trigger event action
Tamper Protection:	Scene change and defocus
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection
Event Action:	Recording: Pre-event, post-event memory card and/or network storage. Picture upload: FTP, HTTP and NAS. Trigger E-mail notification: HTTP, ISAPI. Audio alarm, white light alarm, alarm output and notification to C-WERK VMS. Events are depending on schedule settings.

Approvals

Protection Rating:	IP67 (IEC 60529-2013)
Regulation:	CE, EAC, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G), SDK/API, Ehome

Environmental

Operating Temperature:	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing

Electrical

Supply Voltage:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 7.5 W

Mechanical

Mount:	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°, 3-Axis Adjustment
Dimensions:	∅ 127.3 x 95.9mm (∅5 x 3.8 inch)
Weight:	600 g (1.32 lb)

Packaging

Package Dimensions:	150 x 150 x 141 mm (5.9 x 5.9 x 5.6 inch)
Package Weight:	900 g (2 lbs)
Packaging Unit:	27
Bulk Package Dimensions:	467 x 467 x 446 mm (18.4 x 18.4 x 17.6 inch)
Bulk Package Weight:	24800 g (54.7 lbs)

Accessories



GD-BR-AJX17



GD-BR-AMC03

Guarantee

All cameras in the “SMART”, “PRO” and “PREMIUM” product lines have an extended warranty period of 5 years on electronic parts, mechanical wear and tear on moving parts is not included. Please note our general delivery terms and conditions.