Type: Box/Cube - IP - Camera
Item Code: GD-CI-AP4617C
EAN CODE: 4260573061525

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.

Features

- 4 Megapixel IP Camera with real time video streaming

- H.265/H.265+, H.264/H.264+ & MJPEG compression modes

- 0 Lux: Integrated LED IR Illuminator viewable distance up to 10m

- Support Dual Power PoE/DC12V

- Lens: f = 2.8 mm, 98° Horzizontal Angle

- 3 Axis Gimbal for wall and ceiling mount

- Built in Microphone/ Speaker echo cancellation

- Built-in PIR

Specifications GD-CI-AP4617C

Camera	
Image Sensor:	1/3" progressive Scan CMOS
Video Resolution:	2688 × 1520
Sensitivity Colour:	0.01 Lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1/3 ~ 1/100,000 s (Automated Electronic Shutter)
Slow Shutter:	Support
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light

Lens	
Lens Focal Length:	2.8 mm
Iris F-Number:	F1.6
Lens Mount:	M12
Field of View:	98° (horizontal), 55° (vertical), 114° (diagonal)

Illuminator	
Max. IR Distance:	Up to 10 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, triggered by alarm in

Audio	
Audio Compression:	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
Audio Bit Rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Environment Noise Filtering:	yes

General	
PIR Angle:	90° (H), 80° (V)
PIR Sensor Range:	10 m

Frame Rate	
1. Video Stream:	50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
2. Video Stream:	50 Hz: 25 fps (640 × 480, 640 x 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 x 360, 320 × 240)
3. Video Stream:	50 Hz: 25 fps (1280 × 720, 640 × 360, 352 × 288) 60 Hz: 30 fps (1280 × 720, 640 × 360, 352 × 240)

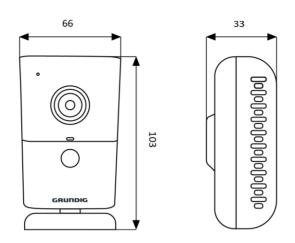| Network	
Users:	3 Levels: Administrator, Operator and User
Number of Clients:	Up to 32 simultaneously
Functions:	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP-address filter

Network

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:	Main Profile / High Profile
Bit Rate:	256 Kbps to 16 Mbps
Scalable Video Coding (SVC):	supported
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 128G), NAS (Support NFS, SMB/CIFS)
Web Browser:	MS Internet Explorer 8.0+ , Mozilla Firefox 30.0-51, Google Chrome 31.0-44, Apple Safari 8.0+
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 Adress Filter, WSSE and digest authentication for ONVIF, 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 software check
Reset Button:	yes

I/O Interface

Microphone and Loudspeaker:	Built in
Network Interface:	1x 10, 100 Base T, TX PoE+ (RJ-45)

Intelligent Functions

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:	PIR, video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection

Approvals

Regulation:	CE, EAC, FCC, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G), SDK/API

Environmental

Operating Temperature:	-10 °C ~ 50 °C (-14 °F ~ 122 °F)
Humidity:	Less than 95%, non condensing

Electrical

Supply Voltage:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 7 W

Mechanical

Material:	Robust Plastic
Mount:	Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°, 3-Axis Adjustment
Dimensions:	33 x 66× 103 mm (1.3 × 2.6 × 4.1 inch)
Weight:	128 g (0.3 lb)

Dimensions

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.