



Type: PTZ Dome - IP - Camera  
Item Code: GD-CI-AC4637P  
EAN CODE: 4260573061587

### ESSENTIAL

Our ESSENTIAL product line is designed to deliver high-quality performance, with basic features and impressive functions, making it perfect for smaller applications.

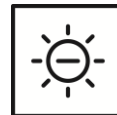
## Highlights

### 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.

### Ultra Low Light



Designed for unparalleled performance in low-light environments, this camera incorporates advanced image processing and a high-capacity image sensor, ensuring exceptional image quality even in ultra-low light conditions.

## Essential Line

Many small to medium-sized systems are capable of operating without any specific requirements. Simply storing video sequences is often sufficient in the event of an incident, allowing for the course of events to be determined through recorded footage. GRUNDIG Security provides a comprehensive range of standard applications to meet these needs, including cameras that capture high-resolution images regardless of lighting conditions and recorders capable of storing video sequences for weeks or months, although privacy concerns may prevent this practice. The "Essential" product line offers high image quality, making it ideal for meeting basic requirements.

## Features

- WDR (Wide Dynamic Range) for extreme backlight situations
- Intelligent Video Analytics Function
- IR LEDs integrated
- Support Dual Power PoE/DC12V
- Ultra low light camera
- Privacy Zone Masking Function
- 4 Megapixel Mini PTZ with 4x motorized optical zoom and 16x digital zoom

## Specifications GD-CI-AC4637P

## Camera

Image Sensor:	1/2.8" progressive Scan CMOS
Video Resolution:	2560 x 1440
Sensitivity Colour:	0.005 Lux @ F1.5 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1 ~ 1/30,000 s
White Balance:	Auto, Manual, ATW, Indoor, Outdoor, Flourescent light, Sodium light

## Lens

Lens Focal Length:	2.8 ~ 12 mm motorized, autofocus
Iris F-Number:	F1.5
Focus Adjustment:	Motorized
Optical Zoom Ratio:	4x
Digital Zoom:	16x
Field of View:	96.7° ~ 31.6° (horizontal), 51.1° ~ 17.7° (vertical), 115.1° ~ 36.3° (diagonal)

## Illuminator

Max. IR Distance:	Up to 20 m
Wavelength:	850 nm

## Video

Col/B&W:	Auto, Color, Removable IR-Cut Filter (ICR)
Wide Dynamic Range:	120 dB
Image Enhancement:	BLC, 3D DNR, Defog, HLC
Day/Night Switch:	Support auto, scheduled, day, night
Triple Streams:	Support

## Audio

Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
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## Frame Rate

Main Stream:	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub- Stream:	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
3rd Stream:	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)

## Network

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
Bit Rate:	64Kbps (G.711) , 16Kbps (G.722.1) , 16Kbps (G.726) , 32-160Kbps (MP2L2)
Bit Rate:	32Kbps ~ 16Mbps, adjustable
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)
Web Browser:	Plug-in required live view: IE10/IE11 Non Plug-in live view: Chrome 57+, Mozilla Firefox 52+ Local Service: Chrome 57+, Firefox 52+

**Network**

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 Preset:	300
Pan Speed:	Configurable from 0.1°/sec to 100°/sec, Preset Speed: 100°/sec
Tilt Speed:	Configurable from 0.1°/sec to 100°/sec, Preset Speed: 100°/sec
Range Panning:	0° ~ 355° limited rotation
Range Tilting:	0° ~ 90°
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples

**I/O Interface**

Audio Input/Output:	1-ch audio input and 1-ch audio output
Network Interface:	1x 10, 100 Base T (Ethernet), TX (RJ-45)

**Intelligent Functions**

Motion Detection:	On, Off, Area Setting, Sensitivity
Intrusion Detection:	Enter and loiter in a pre-defined virtual region, up to 4 pre-defined virtual regions supported
Line Crossing:	Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported
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:	Human face appears in the image can be detected and trigger event action

**Approvals**

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

**Environmental**

Operating Temperature:	-20 °C ~ 60 °C (-4 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing

**Electrical**

Surge Protection:	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Supply Voltage:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 12 W

**Mechanical**

Dimensions:	∅ 131 x 102 mm (∅5.15 x 4 inch)
Weight:	600 g (1.32 lb)

**Packaging**

Package Dimensions:	156 x 156 x 166 mm (6.1 x 6.1 x 6.5 inch)
Package Weight:	900 g (2 lbs)
Packaging Unit:	24
Bulk Package Dimensions:	644 x 485 x 358 mm (25.4 x 19.1 x 14.1 inch)
Bulk Package Weight:	22100 g (48.7 lbs)

**Accessories**



GD-BR-AMP12



GD-BR-AMW18

**Dimensions**

