4 MP Fixed Dome IP-Camera 2.7~13.5 mm

GD-CI-AT4634V

Type: Fixed Dome - IP - Camera
Item Code: GD-CI-AT4634V
EAN CODE: 4260573064700

VERSA

The VERSA product line offers comprehensive, advanced solutions with a wide and complete range of features.

Highlights

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.

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.

Object 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

- Deep Learning - Human and Vehicle Analysis: Self learning human and vehicle classification improves unwanted alarm filtering
- Built in analytics function: Detection of line crossing, intrusion, region entrance, region exit, object removal, unattended baggage, face and scene change included
- 0 Lux: Integrated LED IR Illuminator viewable distance up to 40m
- Motorized Varifocal Lens: f = 2.7 - 13.5 mm
- Bidirectional Audio Support

Specifications GD-CI-AT4634V

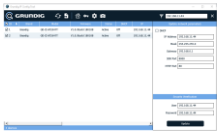
Camera	
Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	2688 × 1520
Sensitivity Colour:	0.001 Lux @ F1.2 (AGC on, shutter speed 1/25 s)
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1/25 ~ 1/100,000 s
Slow Shutter:	Support
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescente lamp, Incandescent lamp, Warm light, Natural light
Lens	
Lens Focal Length:	2.7 ~ 13.5 mm motorized, autofocus
Iris F-Number:	F1.2
Lens Drive Type:	DC Auto Iris
Field of View:	115° ~ 42° (horizontal), 59° ~ 24° (vertical), 141° ~ 48° (diagonal)
Illuminator	
Max. IR Distance:	Up to 40 m
White Light Distance:	Up to 40 m
Video	
Col/B&W:	On, Off, Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	130 dB
Image Enhancement:	BLC, 3D DNR, Defog, 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
Privacy zones:	8 zones, rectangle, blackened or mosaic
Audio	
Audio Bit Rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-196Kbps(MP2L2), 8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
Environment Noise Filtering:	yes
General	
DRI Range:	Detection Range: 60 m to 149 m Recognition Range: 12 m to 29.8 m Identification Range: 6 m to 14.9 m
Frame Rate	
Main Stream:	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub- Stream:	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
3rd Stream:	50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 × 480, 640 × 360) * 3rd stream supported under certain settings
4th Stream:	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 x 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 x 360)

Network	
Number of Clients:	Up to 32, 6 simultaneously Live View
Functions:	One-key reset, anti-flicker, four streams, heartbeat, mirror, password protection, privacy mask, IP-address filter, rotate, flash log, white balance, pixel counter
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 Fourth Stream: H.264, H.265, MJPEG
Region of Interest:	5 fixed region for main stream and sub-stream
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Bit Rate:	256 Kbps to 8 Mbps
Scalable Video Coding (SVC):	supported
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 512G), NAS (Support NFS, SMB/CIFS)
Web Browser:	Plug-in required live view: IE10/IE11 Non Plug-in live view: Chrome 57+, Mozilla Firefox 52+, EDGE 89+ Local Service: Chrome 57+, Firefox 52+, EDGE 89+
Multicasting:	supported
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SNMP, SMTP, IGMP, 802.1X, QoS, IPv4/IPv6, UDP, PPPoE, Bonjour, SSL/TLS, SFTP, ARP, WebSocket, WebSockets, SRTP
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, RTP/RTSP over HTTPS, Control timeout settings, Security audit log, SNMP V2 , SNMP V3, TLS 1.1, TLS 1.2, TLS 1.2 with updated cipher suites including AES 256 encryption., Centralized Certificate Management, Brute Force Delay Protection, Signed Firmware, Secure Boot by software check, Secure Boot by hardware check
Streaming:	Four streams * fourth & third stream is supported under certain settings
I/O Interface	
Audio Input/Output:	1 Inputs: line in, or mic in (built-in microphone), 1 Output: line out, mono sound
Alarm Input/Output:	2 alarm-inputs, 2 alarm-outputs
Network Interface:	1x 10, 100 Base T, TX PoE+ (RJ-45)
Intelligent Functions	
Face Detection:	Human face appears in the image can be detected and trigger event action
Intrusion Detection:	People, motorized vehicles or non-motorized vehicles, enter, exit or drive over a predefined virtual area, up to 4 rules are supported
Object Counting:	Entrance and Exit of people number is accounted and shown on screen in real time
Line Crossing:	People, motorized vehicles or non-motorized vehicles cross a pre-defined virtual line, up to 4 rules are supported
Object Removal:	Detects within a predefined, adjustable area objects that were originally placed in a specific location and have been removed, as well as objects that have been left behind there
Object Removal:	Detects within a predefined, adjustable area objects that were originally placed in a specific location and have been removed, as well as objects that have been left behind there
Queue Length:	Counts people in a predefined area and measures service time. The area, the maximum number of people in it and the maximum service time can be set
Motion Detection:	Adjustable whether people, motorized or non-motorized vehicles or only movements should be detected. The detection area and sensitivity can also be adjusted.
Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region

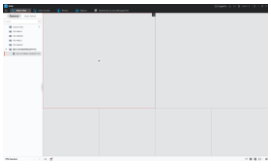
Intelligent Functions	
Tamper Protection:	Detection of scene change, defocus, sudden audio increase/decrease or audio loss.
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection, alarm input , line crossing, intrusion, human & vehicle target classification
Event Action:	Send E-mail, trigger alarm output, notify surveillance C-WERK, upload to FTP/NAS, trigger SD-card recording and/or image capture.
Approvals	
Protection Rating:	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)
Regulation:	CE, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
Environmental	
Operating Temperature:	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing
Electrical	
Surge Protection:	TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power Pass Through:	12 VDC, 100 mA max.
Supply Voltage:	12 VDC, 24 VAC, PoE (IEEE 802.3at)
Power Consumption:	Max. 15 W
Mechanical	
Mount:	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°, 3-Axis Adjustment
Dimensions:	Ø 141 × 112 mm (Ø 5.6 × 4.4 inch)
Weight:	870 g (1.92 lb)
Packaging	
Package Dimensions:	244 x 174 x 173 mm (9.6 x 6.9 x 6.8 inch)
Package Weight:	1200 g (2.6 lbs)
Packaging Unit:	8
Bulk Package Dimensions:	590 x 560 x 410 mm (23.2 x 22 x 16.1 inch)
Bulk Package Weight:	23000 g (50.7 lbs)

Accessories

GD-CW-VIEWER



GD-CW-FINDER



GD-SW-SCMS

GD-HW-SD-128GB

GD-HW-SD-256GB

GD-BR-AJX16

GD-BR-AMC03

GD-BR-AML01

GD-BR-AML01AC

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.