12 MP IP-Camera GD-CI-CT12617F







Type: Fixed Dome - IP - Camera Item Code: GD-CI-CT12617F EAN CODE: 4260573064496

PREMIUM

The PREMIUM product line offers versatile solutions with unique and unparalleled features.

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

- 0 Lux: Integrated LED IR Illuminator viewable distance up to 15m
- The camera features IMMERVISION® video distortion correction in the ultra-wide angle range. Wide-angle lenses tend to have stronger distortions. Using Immervision® distortion correction algorithms and multiple customizable presets, these distortion issues are corrected in real time. The wide-angle Panomorph lens design enables higher resolution and miniaturization of optics with viewing angles ranging from 180 to 360 degrees. The Immervision® suite includes advanced image processing and adaptive real-time dewarping algorithms specifically designed for fisheye camera live images and playback.

Al

Deep Learning

Deep Learning is inspired by the complex structure of the human brain. This innovative method allows processing of information and performing corresponding actions based on analysis.

- Built in Microphone/ Speaker echo cancellation
- Hardware Dewarp



Specifications GD-CI-CT12617F

Lens Focal Length:1.29 mmI-Ris F-Number:F2.2Lens Mount:M12I-Biel of View:180°IlluminatorMax. IR Distance:Up to 15 mVideoCol/B&W:On, Off, Auto, IR-cut filter removable (ICR)Wide Dynamic Range:Digital WDRImage Enhancement:BLC, 3D DNR, Defog, HLCDay/Night Switch:Support auto, scheduled, day, night, triggered by alarm inAudioG.711ulaw/G.712.1/G.726/MP2L2/PCM/MP3/AACAudio Bit Rate:G4Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32 Kbps(PCM)/ 8-320 kbps(MP3)CorneralDisplay Mode:Yod japar modes in total Software decoding: fisheye view, 180 panorama view, 360 panorama + PTZ, 360 panorama + SPTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye + 8 PTZ, hemisphere, AR hemisphere, cylinder Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + aPTZ, 4PTZ fusion	Camera	
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Kbps(MP3) Environment Noise Filtering: yes General 20 display modes in total Software decoding: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama view, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3 PTZ, fisheye + 8 PTZ, hemisphere, AR hemisphere, cylinder Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 8 3PTZ, 4PTZ fusion Number of Clients: Vp to 32 and 20 simultaneously Video Compression: Main Stream: H.264, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEG Region of Interest: 4 Areas H.264 code profile: Baseline Profile / Main Profile / High Profile Bit Rate: 32Kbps ~ 16Mbps, adjustable Scalable Video Coding (SVC): suported	Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
General Display Mode: 20 display modes in total Software decoding: fisheye view, 180 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, hemisphere, AR hemisphere, cylinder Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion Network Viework Number of Clients: Up to 32 and 20 simultaneously Video Compression: Main Stream: H.264, H.265, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEG Region of Interest: 4 Areas H.264 code profile: Baseline Profile / Main Profile / High Profile Bit Rate: 32Kbps ~ 16Mbps, adjustable Scalable Video Coding (SVC): suported	Audio Bit Rate:	
Display Mode:20 display modes in total Software decoding: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, hemisphere, AR hemisphere, cylinder Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 3PTZ, fisheye + 3PTZ, fisheye + 3PTZ, fisheye + 3PTZ, 4PTZ fusionNetworkViteo Compression:Up to 32 and 20 simultaneouslyVideo Compression:Main Stream: H.264, H.264+, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEGRegion of Interest:4 AreasH.264 code profile:Baseline Profile / Main Profile / High ProfileBit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):suported	Environment Noise Filtering:	yes
Software decoding: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye + 8 PTZ, hemisphere, AR hemisphere, cylinder Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 3 PTZ, 4PTZ fusionNetworkImage: Software decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 3 PTZ, 4PTZ fusionNumber of Clients:Up to 32 and 20 simultaneouslyVideo Compression:Main Stream: H.264, H.265, H.265, H.265, H.265, H.265, MJPEGRegion of Interest:4 AreasH.264 code profile:Baseline Profile / Main Profile / High ProfileBit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):supprted	General	
Number of Clients:Up to 32 and 20 simultaneouslyVideo Compression:Main Stream: H.264, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEGRegion of Interest:4 AreasH.264 code profile:Baseline Profile / Main Profile / High ProfileBit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):supported	Display Mode:	Software decoding: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, hemisphere, AR hemisphere, cylinder Hardware decoding: fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye +
Video Compression:Main Stream: H.264, H.265, H.265+ Sub-Stream: H.264, H.265, MJPEGRegion of Interest:4 AreasH.264 code profile:Baseline Profile / Main Profile / High ProfileBit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):supported	Network	
Sub-Stream: H.264, H.265, MJPEGRegion of Interest:4 AreasH.264 code profile:Baseline Profile / Main Profile / High ProfileBit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):supported	Number of Clients:	Up to 32 and 20 simultaneously
H.264 code profile:Baseline Profile / Main Profile / High ProfileBit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):supported	Video Compression:	
Bit Rate:32Kbps ~ 16Mbps, adjustableScalable Video Coding (SVC):supported	Region of Interest:	4 Areas
Scalable Video Coding (SVC): supported	H.264 code profile:	Baseline Profile / Main Profile / High Profile
	Bit Rate:	32Kbps ~ 16Mbps, adjustable
SD Memory: Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)	Scalable Video Coding (SVC):	supported
	SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)

12 MP IP-Camera

GD-CI-CT12617F



Network	
Frame Rate:	Main-Stream Fisheye View: 3504 × 3504, 3024 × 3024, 2560 × 2560, 2048 × 2048 180 Panorama View: 3072 × 2304, 3072 × 1152 180 dual channel panorama: 3072 × 1152, 2560 × 960 Panorama View: 3072 × 2304, 3072 × 1152 4PTZ: camera 01: 1600 × 1200 camera 02: 1600 × 1200 camera 03: 1600 × 1200 camera 04: 1600 × 1200 Fisheye + 3PTZ: camera 01: 2560 × 2560, 2048 × 2048, 1280 × 1280 camera 02: 1600 × 1200 camera 03: 1600 × 1200 camera 04: 1600 × 1200 4PTZ Fusion: 3200 × 2400, 1600 × 1200, 1280 × 960, 1024 × 768 Sub-Stream Fisheye View: 720 × 720, 480 × 480 180 Panorama View: 640 × 360, 320 × 240 180 dual channel panorama: 640 × 360, 320 × 240 Panorama View: 640 × 360, 320 × 240 Fisheye + 3PTZ: camera 01: 720 × 720 camera 02: not supported camera 03: not supported camera 04: not supported
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, ISUP, ARP, WebSocket, WebSockets
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), Watermark, IP Adress Filter, WSSE and digest authentication for ONVIF, SNMP V2, SNMP V3, TLS 1.0, TLS 1.1, Brute Force Delay Protection, Signed Firmware, Secure Boot by hardware check
I/O Interface	
Audio Input/Output:	1-ch audio input and 1-ch audio output
Microphone and Loudspeaker:	Built in (2x microphones, 1x speaker)
Alarm Input/Output:	1, 1
Network Interface:	1x 10, 100, 1000 Base T, TX (RJ-45)
Serial Interface(s):	1x RS-485
Intelligent Functions	
Intelligent Video Analytics:	MD, PID, LCD, A-IN, A-OUT, SOD, VTD
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:	Detects objects left over or lost in the pre-defined region such. In this case an alarm notification or signal will be sent automatically and in real time.
Object Counting:	Entrance and Exit object number is accounted and showed on screen in real time
Heat Map:	Visualizes the number of people in the surveillance area over a period of time with a simple and user-friendly color scheme
Queue Length Detection:	Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 2 detection modes: regional people queuing-up, waiting time detection Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue Supports raw data export for further analysis
Approvals	
Protection Rating:	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)

12 MP IP-Camera

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GRUNDIG

Approvals	
Regulation:	CE, RoHS Compliant
Standard:	ONVIF (Profile S, Profile G, Profile T), SDK/API
Environmental	
Operating Temperature:	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing
Electrical	
Supply Voltage:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 10 W
Mechanical	
Mount:	Table, Wall, and Ceiling mount
Dimensions:	Ø 140 × 60 mm (Ø 5.5 × 2.4 inch)
Weight:	750 g (1.65 lb)
Packaging	
Package Dimensions:	260 x 230 x 135 mm (10.2 x 9.1 x 5.3 inch)
Package Weight:	1200 g (2.6 lbs)
Packaging Unit:	12
Bulk Package Dimensions:	550 x 480 x 435 mm (21.7 x 18.9 x 17.1 inch)
Bulk Package Weight:	16000 g (35.3 lbs)

Accessories







GD-BR-AJX08

GD-BR-AMP18

GD-BR-AMW19

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.