

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.

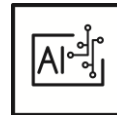
## Highlights

### 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.

### 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.

## Features

- 0 Lux: Integrated LED IR Illuminator viewable distance up to 15m
- The camera features IMMERSION® 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.
- Built in Microphone/ Speaker echo cancellation
- Hardware Dewarp

## Specifications GD-CI-CT12617F

### Camera

Image Sensor:	1/1.8" progressive Scan CMOS
Video Resolution:	3504 x 3504
Sensitivity Colour:	0.006 Lux
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1 ~ 1/100,000 s
White Balance:	Manual, AWB1, AWB2, Locked WB, Fluorescent lamp, Incandescent lamp, Warm light, Natural light

### Lens

Lens Focal Length:	1.29 mm
Iris F-Number:	F2.2
Lens Mount:	M12
Field of View:	180°

### Illuminator

Max. IR Distance:	Up to 15 m
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### Video

Col/B&W:	On, Off, Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	Digital WDR
Image Enhancement:	BLC, 3D DNR, Defog, HLC
Day/Night Switch:	Support auto, scheduled, day, night, triggered by alarm in

### Audio

Audio Compression:	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
Audio Bit Rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32 Kbps(PCM)/ 8-320 Kbps(MP3)
Environment Noise Filtering:	yes

### General

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, 4PTZ fusion
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### Network

Number of Clients:	Up to 32 and 20 simultaneously
Video Compression:	Main Stream: H.264, 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):	supported
SD Memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)

**Network**

Frame Rate:	<p>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</p> <p>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</p>
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 Address 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)
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**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.