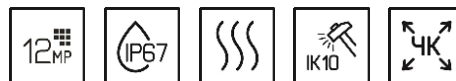


12 MP Fisheye IP-Camera GD-CI-CT12617F

GRUNDIG



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

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.

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.

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 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
Lens Drive Type:	Fixed Iris
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
Privacy zones:	8 programmable zones

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
Log File Support:	Events, macros, changes, activities per user (not erasable by resetting the camera to factory settings)

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 View: 3072 × 1152, 2560 × 960 Panorama View: 3072 × 2304, 3072 × 1152 4PTZ View: camera 01 ~ 04: 1600 × 1200 Fisheye + 3PTZ View: camera 01: 2560 × 2560, 2048 × 2048, 1280 × 1280 camera 02 ~ 04: 1600 × 1200 4PTZ Fusion View: 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 View: 640 × 360, 320 × 240 Panorama View: 640 × 360, 320 × 240 Fisheye + 3PTZ View: camera 01: 720 × 720 camera 02 ~ 04: not supported

Network

Number of Clients:	Up to 32, 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 512G), NAS (Support NFS, SMB/CIFS)
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, SFTP, 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
Heat Map:	Visualizes the number of people in the surveillance area over a period of time with a simple and user-friendly color scheme
Intrusion Detection:	Enter and loiter in a pre-defined virtual region, up to 4 pre-defined virtual regions supported
Object Counting:	Entrance and Exit object number is accounted and showed on screen in real time
Line Crossing:	Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported
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.
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

Intelligent Functions

Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region
Tamper Protection:	Detection of scene change, defocus, sudden audio increase/decrease or audio loss.
Unattended Baggage:	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials

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
MTBF at 25° C:	>60.000 hours

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)

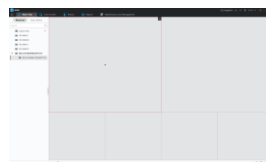
Accessories



GD-CW-VIEWER



GD-CW-FINDER



GD-SW-SCMS



GD-HW-SD-128GB



GD-HW-SD-256GB



GD-BR-AJX08



GD-BR-AMP18



GD-BR-AMW19

Guarantee

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.