GRUNDIG

GD-CI-BP4637T

5 MP Bullet IP-Camera 2.8~12mm Motor Varifocal ICR IR LED WDR H.265+

● 5 Megapixel IP Camera with real time video streaming

● Reduction of unwanted alarms (false alarms) by classifying target objects empowered by deep learning algorithms. This significantly reduces false alarms generated by objects other than people or vehicles, thus greatly improving the efficiency and effectiveness of alarms

● Ultra Low Light CMOS Sensor, Smart-IR Control

● 0 Lux: Integrated LED IR Illuminator viewable distance up to 60m

● H.265/H.265+, H.264/H.264+ & MJPEG compression modes

● Motorized Varifocal Lens: f = 2.8 - 12 mm

PROFESSIONAL

● Product Line Professional: These products cover most applications of modern video systems

Item Code: GD-CI-BP4637T

EAN CODE: 4260573062515

Specifications GD-CI-BP4637T

Camera

Image Sensor:	1/2.7" progressive Scan CMOS
Video Resolution:	2592 x 1944
Sensitivity Colour:	0.002 Lux @ F1.2 (AGC ON)
Sensitivity B/W:	0 Lux LED IR on
Shutter Speed:	1/3 ~ 1/100,000 s (Automated Electronic Shutter)
Slow Shutter:	Support

Lens

Lens Focal Length:	2.8 ~ 12 mm motorized, autofocus
Horizontal Viewing Angle:	108° (Wide) ~ 30° (Tele)
Lens Mount:	Ø14

Illuminator

Max. IR Distance:	Up to 60 m
Wavelength:	850nm

Video

Col/B&W:	On, Off, Auto, IR-cut filter removable (ICR)
Wide Dynamic Range:	120 dB
Image Enhancement:	BLC, 3D DNR, HLC, AWB, AGC, AES
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, triggered by alarm in

Audio

Audio Compression:	G.722.1/G.711ulaw/G.711alaw/G.726/MP2L2/PCM/MP3
Audio bit rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-196Kbps(MP2L2)/32 Kbps(PCM)/ 8-320 Kbps(MP3)
Environment Noise Filtering:	yes

Network

Functions:	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP-address filter
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
Region of Interest:	1 fixed region for each stream
H.264 code profile:	Baseline Profile / Main Profile / High Profile
Bit Rate:	32Kbps ~ 8Mbps
Scalable Video Coding (SVC):	supported
SD memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS

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Network

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, Control timeout settings, Security audit log, 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
Number of Clients:	Up to 32 simultaneously
Users:	3 Levels: Administrator, Operator and User
Frame Rate:	Main Stream 50Hz: 20 fps (2592 × 1944) , 25fps (2688 x 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656) , 30fps (2688 x 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) Sub- Stream 50Hz: 25fps (640 x 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 x 480, 640 × 360, 320 × 240) Third Stream 50Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360, 360 x 240) 60Hz: 30fps (1280 x 720, 640 x 480, 640x360, 360x240)

I/O Interface

Network Interface:	1x 10, 100 Base T, TX PoE+ (RJ-45)
Alarm Input/Output:	1 input, 1 output (up to 24 VDC 500 mA)
Audio Input/Output:	1-ch audio input and 1-ch audio output

Intelligent Functions

Deep Learning Analytics:	Face Capture, Line crossing detection, intrusion detection, region entrance detection, region exiting detection, human, vehicle
Intelligent Video Analytics:	Motion detection, video tampering detection such as defocus, change of the scene and sudden audio increase or decrease.
Motion Detection:	Off, ON (Normal), Expert mode: 8 user-defined rectangular zones, by schedule
Tamper protection:	Scene change and defocus
Intrusion Detection:	Enter and loiter in a pre-defined virtual region
Line Crossing Detection:	Cross a pre-defined virtual line
Region Entrance:	Enter a pre-defined virtual region from the outside place
Region Exiting:	Exit from a pre-defined virtual region
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection
Event Action:	Recording: Pre-event, post-event memory card and/or network storage. Picture upload: FTP, HTTP and NAS. Trigger E-mail notification: HTTP, ISAPI. Alarm output and notification to C-WERK VMS. Events are depending on schedule settings.

Approvals

Regulation:	CE, EAC, FCC, RoHS Compliant
Protection Rating:	IP66, IK10
Standard:	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK

Environmental

Operating Temperature:	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Humidity:	Less than 95%, non condensing

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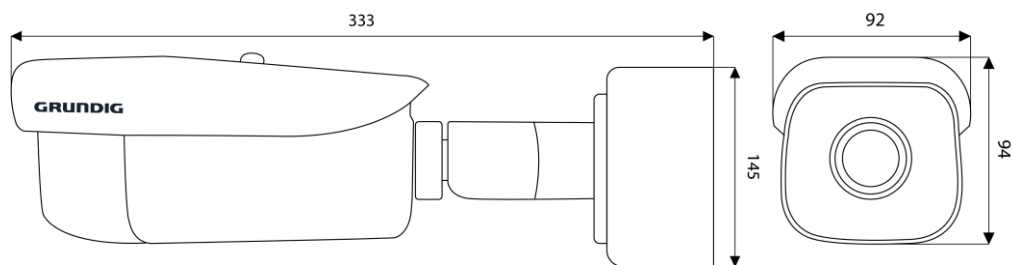| Electrical	
Supply Voltage:	12 VDC, PoE+ (IEEE 802.3at)
Power Consumption:	Max. 15 W
Mechanical	
Mount:	Pan: 0° to 355°, tilt: 0° to 90°, rotation: 0° to 360°
Dimensions:	Ø 144 × 333 mm (Ø 5.67 × 13.1 inch)
Weight:	1450 g (3.2 lb)

Accessories:

GD-BR-AML03

GD-BR-AMC01

Dimensions:

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