GRUNDIG

GD-TI-AP1606V

Thermal IP camera for non-contact body temperature measurement 1.5m

IP66 | ICR | Day & Night | WDR | H.265

SD-Card Slot
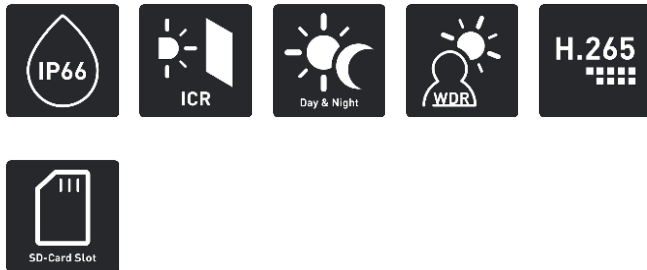
● Audio Communication & Alarm Input / Output

● Thermal camera for non-contact measurement of body temperature is able to measure facial temperature at a high accuracy in real time. It is capable to discover and track people with higher body temperature among the crowded public (max. 30 people at the same time) area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine

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

● Dual Streaming with 1 infrared channel and 1 optical channel

● Picture in Picture - Partial image of infrared channel on the full image of optical channel

PROFESSIONAL

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

Item Code: GD-TI-AP1606V

EAN CODE: 4260573062669

Specifications GD-TI-AP1606V

Thermal module	
Resolution:	160 x 120
Thermal Sensor:	Vanadium Oxide Uncooled Focal Plane Array
IVOF:	2.74 mrad
NETD:	< 40 mk (@25° C, F=1.0)
Response Waveband:	8 µm to 14 µm
Detector Pitch:	17 µm
Focal Length (IR):	6.2 mm
Viewing Angle (IR):	25° x 18.7° (HxV)
MOD (Min. Object Distance):	0,6 m
Measuring range:	From 1.5 m distance with 0.7 m width up to 3 m distance with 1.3 m width
Camera	
Image Sensor:	1/2.7" progressive Scan CMOS
Video Resolution:	2688 × 1520
Sensitivity Colour:	0.0089Lux @ F1.6 (AGC ON)
Sensitivity B/W:	0.0018 Lux @ F1.6 (AGC ON)
Shutter Speed:	1 ~ 1/100,000 s
Lens	
Lens Focal Length:	8 mm
Field of View:	39,4° ~ 22,1° (H x V)
Illuminator	
Max. IR Distance:	Up to 15m
Video	
Wide Dynamic Range:	120 dB
Day/Night Switch:	Color, BW, Auto
Audio	
Audio Compression:	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
General	
Accuracy:	±0,5° (±0,3° with black body)
Dynamic Face Tracking:	Up to 30 people simultaneously, 15 recommended, depending on local conditions
Measurement option:	support 3 temperature measurement rule types, 21 rules (10 points, 10 regions and 1 line)
Mounting Height:	1,5m tripod, 3m ceiling mount
Object Temperature Range:	+30°C to +45°C
Network	
Video Compression:	H.264, H.265, MJPEG
SD memory:	Micro SD/SDHC/SDXC card slot with ANR (up to 256G), NAS (Support NFS, SMB/CIFS)
Client software:	C-WERK Viewer, SCMS, IOS App, Android App (SCMS)

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Network

Web Browser:	MS Internet Explorer 9.0+ , Mozilla Firefox 30.0-51, Google Chrome 41.0-44, Safari 5.02+(mac)
Network Protocol:	TCP/IP,IPv4, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, UDP, PPPoE, SNMP
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-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., Brute Force Delay Protection, Signed Firmware, Secure Boot by software check
Frame Rate:	Optical: Main Stream 50Hz: 25fps (2688 x 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 x 1520, 1920 × 1080, 1280 × 720) Infrared: Main Stream 25fps (1280 x 720, 704 x 576, 640 x 480, 352 x 288, 320 x 240) Optical: Sub Stream 50Hz: 25fps (704 x 576, 352 x 288, 176 x 144) 60Hz: 30fps (704 x 576, 320 x 240, 176 x 120) Infrared: 25 fps (704 x 576, 352 x 288, 320 x 240)

I/O Interface

Network Interface:	1x 10, 100 Base T, TX PoE (RJ-45)
Alarm Input/Output:	1, 1
Audio Input/Output:	1-ch audio input and 1-ch audio output
Serial Interface(s):	1x RS-485

Intelligent Functions

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. Audio alarm, white light alarm, alarm output and notification to C-WERK VMS. Events are depending on schedule settings.

Approvals

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

Environmental

Operating Temperature:	10 °C ~ + 35°C (indoor & windless)
Humidity:	Less than 95%, non condensing

Electrical

Surge Protection:	TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Supply Voltage:	12 VDC, PoE (IEEE 802.3af)
Power Consumption:	Max. 6 W

Mechanical

Dimensions:	138,3 x 138,3 x 123,1 mm (5,45" x 5,45" x 4,85")

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Mechanical	
Weight:	955 g (2.11 lb)

Accessories:

GD-HW-BPBB0550G

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11.08.2021 I Data subject to change without any notice I

Page 4 of 4