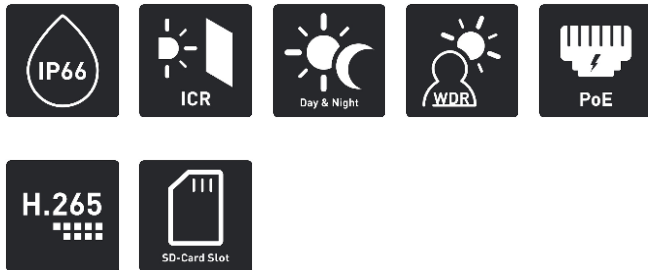


GD-TI-AP1603V

Thermal IP camera for non-contact body temperature measurement 1.0m



- 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
- 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
- Audio Communication & Alarm Input / Output
- H.265/H.265+, H.264/H.264+ & MJPEG compression modes



PROFESSIONAL

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

Item Code: GD-TI-AP1603V

EAN CODE: 4260573062652

Specifications GD-TI-AP1603V

Infrared Module

Focal Length (IR):	3.1 mm
IVOF:	5.48 mrad
NETD:	< 40 mk (@25° C, F=1.0)
Response Waveband:	8 µm to 14 µm
Detector Pitch:	17 µm
Infrared Sensor:	Vanadium Oxide Uncooled Focal Plane Array
Viewing Angle (IR):	50° x 37.2° (HxV)
Measuring range:	From 0.8 m distance with 0.7 m width up to 1.5 m distance with 1.4 m width
MOD (Min. Object Distance):	0,2 m
Resolution:	160 x 120

Camera

Image Sensor:	1/2.7" progressive Scan CMOS
Video Resolution:	2688 x 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:	4 mm
Field of View:	84° ~ 44,8° (H x V)

Illuminator

Max. IR Distance:	Up to 15m
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Video

Wide Dynamic Range:	120 dB
Day/Night Switch:	Color, BW, Auto

Audio

Audio Compression:	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
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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 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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Cameras | Thermal Imaging | Fix Domes



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, 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 Address 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 x 1080, 1280 x 720) 60Hz: 30fps (2688 x 1520, 1920 x 1080, 1280 x 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 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.
Event Source:	Video tampering, network disconnected, IP address conflicted, HDD full, HDD error, illegal login, motion detection
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-BR-AWJ06



GD-BR-AMW16



GD-BR-AMC03



GD-BR-AMP15



GD-BR-AJX01



GD-HW-BPBB0550G

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