Code: TPC-BF5421-T+BLACKBODY

HUMAN BODY TEMPERATURE MEASUREMENT SYSTEM **TPC-BF5421-T+BLACKBODY** DAHUA

Net: 15 800.06 EUR Gross: 15 800.06 EUR

The camera together with the BLACK BODY module is used for precise measurement of body temperature and in case of exceeding the set threshold, to trigger the preset alarm action.

Thanks to the 1080p resolution, detailed supervision can be carried out, and the use of the BLACKBODY standard (an additional element of the system) ensures high temperature measurement accuracy of ± 0.3°C. The BLACK BODY module allows temperature measurement with high precision and very good stability.

Attention! The kit includes a set of devices for measuring and recording temperature with software: 1 pc TPC-BF5421-T, 1 pc Black Body JQ-D70Z, 2 pcs. tripod with converter, 1 pc IVSS7008-1I, 1 pc DSS Pro License.
For the correct operation of the Dahua Technology system, it is recommended to calibrate BlackBody devices + camera after a period of 12 months. Failure to follow the manufacturer's recommendations may result in the rejection of the complaint for incorrect temperature measurement in the next year of the warranty period.
You can also extend the warranty on the BlackBody + camera set for 3 years (i.e. for another 12 months).
If the camera or BlackBody fails in the first 12 months of use, we will exchange devices for ones free of defects.



SPECIFICATION

Sensor:	Uncooled VOx microbolometer
Matrix size:	400 x 300 px
Pixel pitch:	17 µm
Thermal sensitivity (NETD):	≤ 40 mK @ F1.0
Spectral range:	8 µm ... 14 µm
Temperature measurement:	• Spot • Line • Area max. 8 positions
Temperature measurement range:	• 30 °C ... 45 °C ± 0.3 °C - with the Black body module • 30 °C ... 45 °C ± 1 °C - without Black body
Color palettes:	18
Lens:	13 mm
View angle:	30 °
Resolution:	1280 x 1024 - 1.4 Mpx, 1280 x 960 - 1.3 Mpx, , 1024 x 768, 640 x 480

VIDEO CAMERA:

Sensor:	1/2.8 " SONY progressive scan Exmor CMOS
Matrix size:	2.1 Mpx
Scanning system:	Progressive
Lens:	8 mm
View angle:	40 °

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Optical zoom:	–
Digital zoom:	–
Min. illumination:	0.002 Lux (color) @ F1.8 0.0002 Lux (B/W) @ F1.8
Range of IR illumination:	35 m
Resolution:	1920 x 1080 - 1080p 1280 x 720 - 720p
Standard:	TCP/IP, CVBS
Video output:	CVBS - 1 Vpp / 75 Ω, BNC
RS-485 interface:	–
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Image compression method:	H.265 / H.264 / MJPEG
Alarm inputs / outputs:	2 / 2
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support
Bitrate:	640 ... 8192 kbps - H.264
Main stream frame rate:	25 fps @ 1280 x 960 25 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	18.12
Mobile phones support:	Port 37777 • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Default IP address:	192.168.1.108
Default admin user / password:	admin / - The administrator password should be set at the first start
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
Port ONVIF:	80
RTSP URL:	rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream

Main features:	• The possibility of overlapping the image from a thermal imaging camera in a classic image • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • WDR - Wide Dynamic Range • F-DNR (Defog) - Reduction of image noise caused by precipitation • Audio detection • Motion Detection • Configurable Privacy Zones • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Mirror - Mirror image • Day/Night mode (color/b&w/auto)
Power supply:	12 V DC / 1 A (power adapter included)
Power consumption:	≤ 12 W
Housing:	Compact - Metal
Color:	White
"Index of Protection":	IP67
Operation temp:	10 °C ... 35 °C
Weight:	1.4 kg
Dimensions:	280 x 104 x 96 mm
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	2 years

Black body JQ-D70Z:

Operation temp:	35 °C / 37 °C / 40 °C (factory setting)
Measurement resolution:	0.1 °C
Measurement stability:	± 0.1 °C ... ± 0.2 °C / 30 minutes
The surface of the radiator:	70 x 70 mm
Effective emission:	0.97
Ambient temperature:	0 °C ... 40 °C
Permissible relative humidity:	0 % ... 80 %
Weight:	1.8 kg
Dimensions:	110 x 180 x 120 mm
Guarantee:	2 years

IVS Server IVSS7008-1I:

Bandwidth:	max. 400 Mbps - incoming bandwidth
Number of channels:	128 channel access to IP video
Video outputs:	3 pcs HDMI 2 pcs VGA
Main features:	• Face recognition for 8 channels on a normal IPC camera • Face recognition for 20 IPC cameras with face detection • Support for up to 50 face databases, including 300 000 face images • Raid 0/1/5/6/10 • SAS3.0 for memory expansion
Weight:	8.5 kg
Dimensions:	440 x 446 x 89 mm
Guarantee:	**3 years**

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PRESENTATION

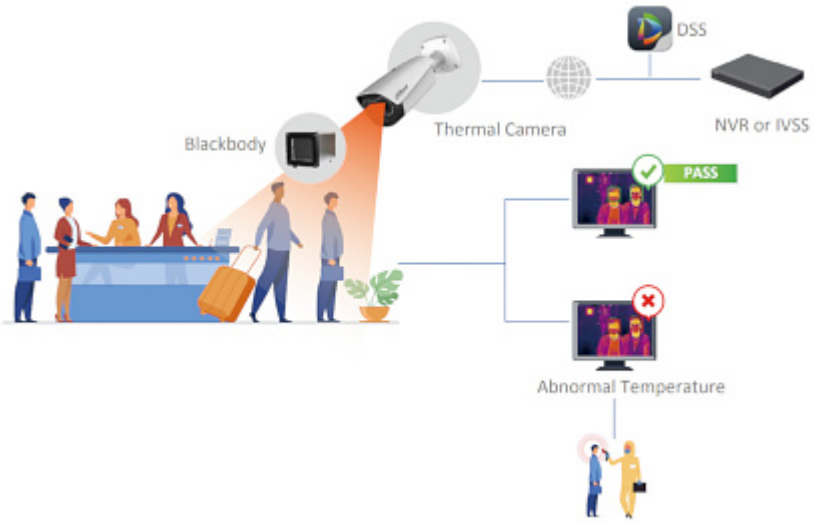
Camera:



The set includes the IVSS7008-1I server:



Schematic diagram (principle of operation):



See system capabilities:
:
In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg