

Code: BCS-TIP5240813-IR-TTW+BLACKBODY

HUMAN BODY TEMPERATURE MEASUREMENT SYSTEM **BCS-TIP5240813-IR-TTW+BLACKBODY** BCS

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 $\pm 0.3^{\circ}\text{C}$. The BLACK BODY module allows temperature measurement with high precision and very good stability.

Attention! The set includes a set of devices for measuring and recording temperature: 1 pc. BCS-TIP5240813-IR-TTW, 1 pc. Black Body BCS-WT, 2 pcs. Tripod with converter, 1 pc. BCS-IVS12808-Ai.



Sensor:	Uncooled VOx microbolometer
Matrix size:	400 x 300 px
Pixel pitch:	17 μm
Thermal sensitivity (NETD):	$\leq 40 \text{ mK @ F1.0}$
Spectral range:	8 μm ... 14 μm
Temperature measurement:	• Spot • Line • Area
Temperature measurement range:	• $30^{\circ}\text{C} \dots 45^{\circ}\text{C} \pm 0.3^{\circ}\text{C}$ - with the Black body module • $30^{\circ}\text{C} \dots 45^{\circ}\text{C} \pm 1^{\circ}\text{C}$ - 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 " CMOS
Matrix size:	2.1 Mpx
Scanning system:	Progressive
Lens:	8 mm



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View angle:	40 °
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
Video output:	—
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 / 1
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support
Bitrate:	640 ... 8192 kbps - H.264
Main stream frame rate:	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:	✓
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:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@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 • 2D-DNR, 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:	• PoE (802.3af), • 12 V DC / 1.2 A (power adapter included)
Power consumption:	≤ 12 W
Housing:	Compact - Metal
Color:	White
"Index of Protection":	IP67
Operation temp:	10 °C ... 30 °C
Weight:	1.4 kg
Dimensions:	292 x 104 x 97 mm
Supported languages:	English
Manufacturer / Brand:	BCS
Guarantee:	2 years

Black body BCS-WT:

Operation temp:	40.0 °C
Measurement resolution:	0.2 °C
Measurement stability:	± (0.1 ... 0.2) °C / 30 minutes
The surface of the radiator:	70 x 70 mm
Effective emission:	0.97 ± 0.02
Ambient temperature:	0 °C ... 40 °C
Power supply:	100 ... 240 V AC
Power consumption:	20 W
Weight:	2.42 kg
Dimensions:	188 x 126 x 132 mm
Guarantee:	2 years

Intelligent recorder BCS-IVS12808-Ai:

Bandwidth:	max. 400 Mbps - incoming bandwidth
Number of channels:	128 channel access to IP video





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Video outputs:	3 pcs HDMI 2 pcs VGA
Supported hard drives:	8 x 10 TB SATA + eSATA
Main features:	• Face recognition for 6 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:	8.21 kg
Dimensions:	440 x 448 x 90 mm
Guarantee:	3 years