

Code: TPC-BF5401-TB7

IP THERMAL IMAGING CAMERA **TPC-BF5401-TB7** - 1.4 Mpx, 7.5 mm DAHUA

The TPC-BF5401-TB7 Thermal Imaging Camera is a modern solution that allows to detect the presence of people, animals and vehicles regardless of prevailing vision conditions. The device is equipped with sensitive VOx microbolometer that allows to observe the objects in fog, smoke and in the absence of illumination. An additional advantage of the TPC series cameras is the ability to detect fire and send a signal to the alarm control panel when it occurs.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



Standard:	TCP/IP, CVBS
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
Resolution:	1280 x 1024 - 1.4 Mpx , 1280 x 960 - 960p , 1280 x 720 - 720p , 400 x 300
Lens:	7.5 mm
View angle:	54 °
Video output:	CVBS, PAL - 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.264M / H.264H / H.264B / MJPEG
Alarm inputs / outputs:	2 / 2
Audio:	• Audio input • Audio output
Temperature measurement:	• Spot • Line • Area max. 12 positions
Temperature measurement range:	• -20 °C ... 150 °C, • 0 °C ... +550 °C



DATA SHEET

Main stream frame rate:	25 fps @ 1280 x 1024
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP/IP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE IPv4/IPv6, SNMP, QoS, UPnP, NTP
WEB Server:	Built-in
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:	• DDE (Digital Detail Enhancement) - for high dynamic images, it automatically adjusts the contrast of the image to the temperature parameters. The DDE function is the ideal tool for quick and accurate testing of electrical installations. Thanks to it the image is much more detailed and sharpened • 2D-DNR, 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • AGC - Automatic Gain Control • EIS - Electronic Image Stabilization • Mirror - Mirror image • D-ZOOM - Digital Zoom : 19 x • IVS analysis : crossing the line (tripwire), intrusion, object detection (people, vehicle), fire detection
Power supply:	• 12 V DC / 1.2 A, • PoE (802.3af), • ePoE
Power consumption:	max. 13 W
Housing:	Compact - Metal
Color:	White
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP67
Weight:	1.4 kg
Dimensions:	291 x 104 x 97 mm
Supported languages:	English



DATA SHEET

Manufacturer / Brand:	DAHUA
Guarantee:	3 years