

Code: TPC-BF5300-A7

## IP THERMAL IMAGING CAMERA **TPC-BF5300-A7** - 1.4 Mpx, 7.5 mm DAHUA

The TPC-BF5300-A7 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:	336 x 256 px
Pixel pitch:	17 $\mu\text{m}$
Thermal sensitivity (NETD):	< 40 mK @ F1.0
Spectral range:	7 $\mu\text{m}$ ... 14 $\mu\text{m}$
Color palettes:	14
Resolution:	1280 x 1024 - 1.4 Mpx , 1280 x 720 - 720p , 640 x 512 - 0.3 Mpx
Lens:	7.5 mm
View angle:	45 °
Video output:	CVBS - 1 Vpp / 75 $\Omega$ , BNC
RS-485 interface:	—
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method:	H.264 / MJPEG
Alarm inputs / outputs:	2 / 1



# DATA SHEET

Audio:	External microphone input
Bitrate:	640 ... 8192 kbps - H.264
Main stream frame rate:	25 fps @ 1280 x 1024
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, 802.1x Radius
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	2.42
Mobile phones support:	Port 37777 • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>
Default IP address:	192.168.1.108
Default admin user / password:	admin / admin
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:	<ul style="list-style-type: none"><li>• FFC (Flat Field Correction) - background correction function - typically, it allows to raise the image intensity to x2. It compensates the lighting non-uniformities on the sensor</li><li>• ROI - improve the quality of selected parts of image</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• AGC - Automatic Gain Control</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Sharpness - sharper image outlines</li><li>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, object detection (people, vehicle), fire detection</li></ul>
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 580 mA,</li><li>• 24 V AC / 290 mA</li></ul>
Power consumption:	≤ 7 W
Housing:	Compact - Metal
Color:	White
Operation temp:	-40 °C ... 60 °C
"Index of Protection":	IP67
Weight:	1.38 kg
Dimensions:	291 x 103 x 97 mm



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Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

