

Code: TPC-BF5300-A13

IP THERMAL IMAGING CAMERA **TPC-BF5300-A13** - 1.4 Mpx, 13 mm DAHUA

The TPC-BF5300-A13 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 μm |
| Thermal sensitivity (NETD): | < 40 mK @ F1.0 |
| Spectral range: | 7 μm ... 14 μm |
| Color palettes: | 14 |
| Resolution: | 1280 x 1024 - 1.4 Mpx , 1280 x 720 - 720p , 640 x 512 - 0.3 Mpx |
| Lens: | 13 mm |
| View angle: | 25 ° |
| Video output: | CVBS - 1 Vpp / 75 Ω , 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 DMSS • iOS (iPhone): Free application DMSS |
| 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">• 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• ROI - improve the quality of selected parts of image• 3D-DNR - Digital Noise Reduction• AGC - Automatic Gain Control• Motion Detection• Configurable Privacy Zones• Sharpness - sharper image outlines• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, object detection (people, vehicle), fire detection |
| Power supply: | <ul style="list-style-type: none">• PoE (802.3af),• 12 V DC / 580 mA,• 24 V AC / 290 mA |
| 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 |



DATA SHEET

| | |
|-----------------------|----------------|
| Supported languages: | English |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | 3 years |

