

Code: DH-TPC-SD5600P-TA19

IP / CVBS THERMAL IMAGING CAMERA **DH-TPC-SD5600P-TA19** 19 mm - 1.4 Mpx, DAHUA

Net: **8 322.01 EUR** Gross: **8 322.01 EUR**

The DH-TPC-SD5600P-TA19 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.



SPECIFICATION

Standard:	TCP/IP, CVBS
Sensor:	Uncooled VOx microbolometer
Matrix size:	640 x 512 px
Pixel pitch:	17 µm
Thermal sensitivity (NETD):	< 40 mK @ F1.0
Spectral range:	7 µm ... 14 µm
Color palettes:	14
Lens:	19 mm
View angle:	32 °
Temperature measurement:	• Spot • Line • Area max. 8 positions
Temperature measurement range:	• -40 °C ... +160 °C • -40 °C ... +550 °C
Resolution:	1280 x 1024 - 1.4 Mpx , 1280 x 720 - 720p , 640 x 512 - 0.3 Mpx
Video output:	CVBS, PAL - 1 Vpp / 75 Ω, BNC
RS-485 interface:	✓

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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
Audio:	• External microphone input • Audio output
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, NVR compliance
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: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
Preset rotation speed:	• 240 °/s (horizontal) • 200 °/s (vertical)
Rotation speed (manual control):	• 0.1 °/s ... 200 °/s (horizontal) • 0.1 °/s ... 120 °/s (vertical)
Horizontal rotation range:	360 ° - continuous
Vertical rotation range:	-15 ° ... 90 °
Protocols:	DH-SD, Pelco-P, Pelco-D
Number of presets:	255
Horizontal scan:	✓
Route settings:	5



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 • 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 • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, object detection (people, vehicle), fire detection • Motion Detection • Sharpness - sharper image outlines • Mirror - Mirror image
Power supply:	24 V AC / 700 mA (power adapter included)
Power consumption:	≤ 17 W
Housing:	Speed Dome
Color:	White
"Index of Protection":	IP66
Operation temp:	-40 °C ... 60 °C
Dimensions:	Ø 186 x 491 mm
Weight:	3.5 kg
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

PRESENTATION

Bottom view:



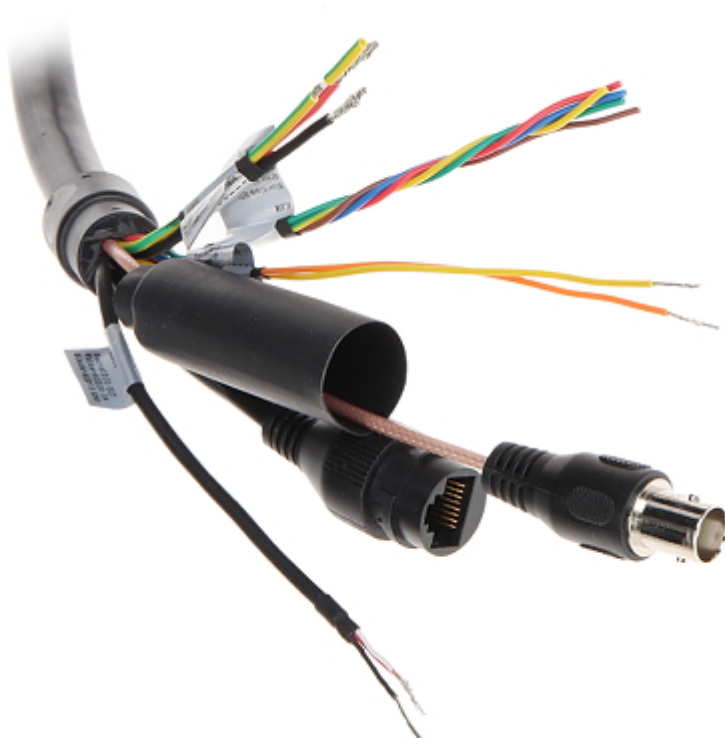
Memory card slot:



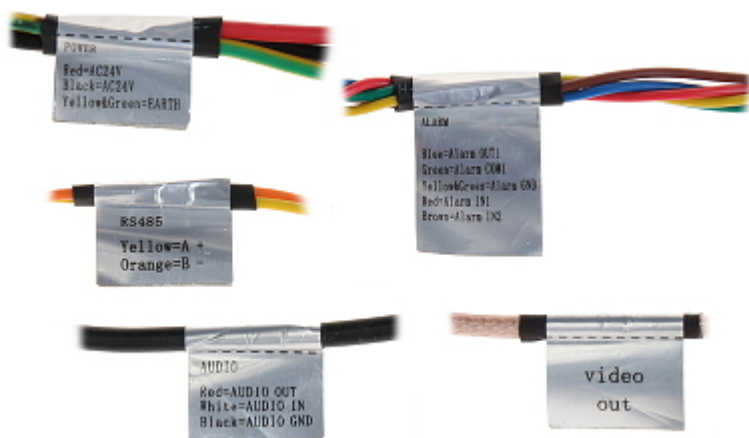
Control protocol and camera ID are set by switch:



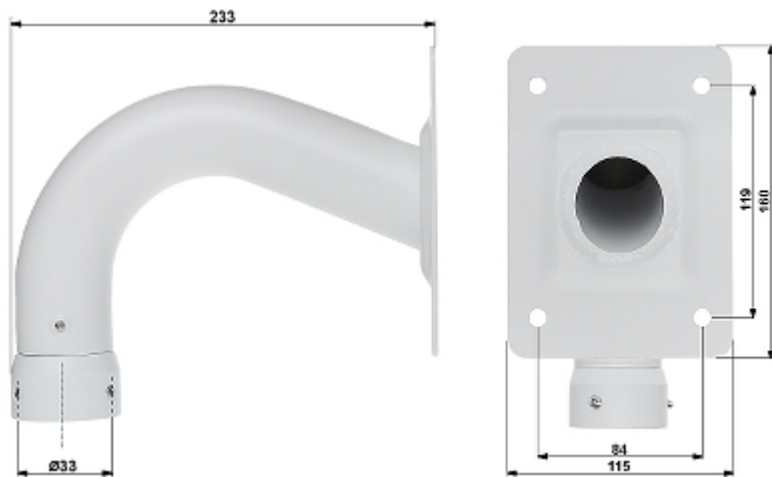
Camera connectors:



Connectors description:



Bracket dimensions:



In the kit:

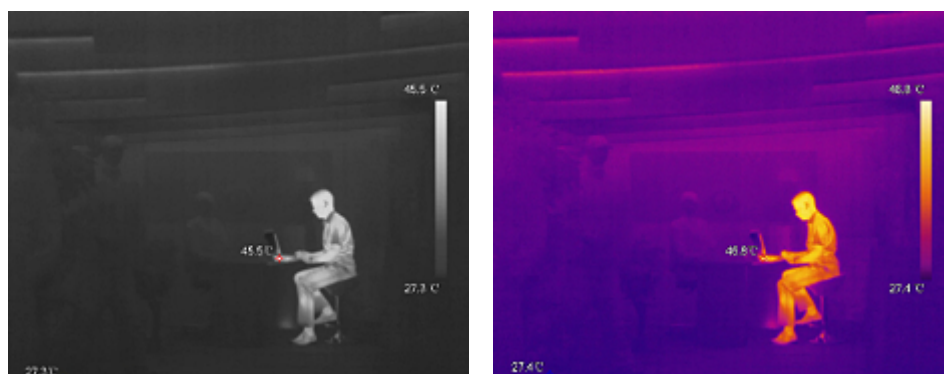


Example captures of device interface:



OUR TESTS

The image from thermal imaging camera in sample color palettes - 0 Lux illumination:



PACKAGE

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