

Code: DS-2TD2617-3/PA

IP HYBRID THERMAL IMAGING CAMERA **DS-2TD2617-3/PA** 3.1 mm - 720p, 4 mm - 4 Mpx Hikvision

The DS-2TD2617-3/PA 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 DS-2TDxxxx series cameras is the ability to detect fire and send a signal to the alarm control panel when it occurs.



Sensor:	Uncooled VOx microbolometer
Matrix size:	160 x 120 px
Pixel pitch:	17 μ m
Thermal sensitivity (NETD):	≤ 40 mK @ F1.1
Spectral range:	8 μ m ... 14 μ m
Color palettes:	15
Lens:	3.1 mm
View angle:	50 °
Resolution:	1280 x 720 - 720p , 704 x 576 - D1 , 640 x 480 , 352 x 288 - CIF , 320 x 240 - QVGA
Temperature measurement range:	-20 °C ... 150 °C
Accuracy of temperature measurement:	± 8 °C

VIDEO CAMERA:

Sensor:	1/2.7 " Progressive Scan Exmor CMOS
Matrix size:	4 Mpx



DATA SHEET

Scanning system:	Progressive
Lens:	4 mm
View angle:	• 84 ° (manufacturer data) • 82 ° (our tests result)
Optical zoom:	—
Min. illumination:	0.0089 Lux (color) @ F1.6 0.0018 Lux (B/W) @ F1.6
Range of IR illumination:	40 m
Resolution:	2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p

General information:

Standard:	TCP/IP
Video output:	—
RS-485 interface:	✓
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	2 / 2
Audio:	• External microphone input • Audio output
Main stream frame rate:	25 fps @ 4 Mpx
Network interface:	1 x 10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	✓
Mobile phones support:	port 8000 • iVMS-4200 application or Hik-Connect
Default IP address:	192.168.1.64
Default admin user / password:	admin / - The administrator password should be set at the first start
Web browser access ports:	80
PC client access ports:	Port no.: 8000 or access by a cloud (P2P)
Mobile client access ports:	8000
Port ONVIF:	80

RTSP URL:	• Main stream VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ THERMAL IMAGING CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/201/ • Sub stream VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ THERMAL IMAGING CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/202/
Main features:	• The possibility of overlapping the image from a thermal imaging camera in a classic image • Temperature measurement • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • PIP - Picture In Picture • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Motion Detection • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Mirror - Mirror image • Audio detection • Day/Night mode (color/b&w/auto) • D-ZOOM - Digital Zoom • DDE (Digital Detail Enhancement) - the function automatically optimizes the contrast of the thermal image in high-dynamic scenes - small differences in the temperature distribution of the examined object are highlighted • Intelligent Image Analysis - Only for thermal imaging camera : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, classification of people and vehicles, dynamic detection of fire source • Alarm signaling : Built-in alarm siren + LED indication
Power supply:	• PoE (802.3af), • 12 V DC / 650 mA
Power consumption:	≤ 7.5 W @ 12 V DC ≤ 8 W @ PoE
Housing:	Compact - Metal
Color:	White
"Index of Protection":	IP66
Operation temp:	-40 °C ... 65 °C
Weight:	1.77 kg
Dimensions:	358 x 114 x 115 mm
Supported languages:	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian
Manufacturer / Brand:	Hikvision
SAP Code:	305400843
Guarantee:	3 years