

Code: DS-2TD1217-3/V1

IP HYBRID THERMAL IMAGING CAMERA **DS-2TD1217-3/V1** 3.1 mm - 720p, 4 mm - 1080p Hikvision

The DS-2TD1217-3/V1 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 µm
Thermal sensitivity (NETD):	< 40 mK @ F1.1
Spectral range:	8 µm ... 14 µm
Color palettes:	15
Lens:	3.1 mm
View angle:	50 °
Resolution:	1280 x 720 - 720p , 704 x 576 - D1 , 352 x 288 - CIF , 320 x 240 - QVGA

Main features:	• 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 • Temperature measurement • Intelligent Image Analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles, detection of entry into the area / exit from the area, dynamic detection of fire source
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VIDEO CAMERA:

Sensor:	1/2.7 " Progressive Scan Exmor CMOS
Matrix size:	2.1 Mpx
Scanning system:	Progressive
Lens:	4 mm
View angle:	• 87 ° (manufacturer data) • 84 ° (our tests result)
Optical zoom:	—
Min. illumination:	0.002 Lux (color) @ F1.2 0.0002 Lux (B/W) @ F1.2
Range of IR illumination:	15 m
S/N ratio:	> 50 dB (AGC off)
Resolution:	1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p

General information:

Standard:	TCP/IP
Video output:	—
RS-485 interface:	✓
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	1 / 1
Audio:	• External microphone input • Audio output
Main stream frame rate:	25 fps @ 720p 25 fps @ 1080p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	16.12
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect





DATA SHEET

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) - iVMS-4200 application
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 • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • PIP - Picture In Picture • BLC - Back Light Compensation • 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
Power supply:	• PoE (802.3af), • 12 V DC / 700 mA
Power consumption:	$\leq 8.5 \text{ W @ PoE (802.3af)}$ $\leq 8 \text{ W @ 12 V DC}$
Housing:	Dome - Metal
Color:	White
"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C
Dimensions:	Ø 138 x 110 mm
Weight:	0.93 kg
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:	305400633
Guarantee:	3 years