

Code: DS-2TD2617-6/V1

## IP HYBRID THERMAL IMAGING CAMERA **DS-2TD2617-6/V1** 6.2 mm - 720p, 6 mm - 1080p Hikvision

The DS-2TD2617-6/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 $\mu$ m                                                                       |
| Thermal sensitivity (NETD): | < 40 mK @ F1.1                                                                   |
| Spectral range:             | 8 $\mu$ m ... 14 $\mu$ m                                                         |
| Color palettes:             | 15                                                                               |
| Lens:                       | 6.2 mm                                                                           |
| View angle:                 | 25 °                                                                             |
| Resolution:                 | 1280 x 720 - 720p ,<br>704 x 576 - D1 ,<br>352 x 288 - CIF ,<br>320 x 240 - QVGA |

### VIDEO CAMERA:

|                  |                                     |
|------------------|-------------------------------------|
| Sensor:          | 1/2.8 " Progressive Scan Exmor CMOS |
| Matrix size:     | 2.1 Mpx                             |
| Scanning system: | Progressive                         |
| Lens:            | 6 mm                                |



# DATA SHEET

|                           |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| View angle:               | <ul style="list-style-type: none"><li>• 53 ° (manufacturer data)</li><li>• 52 ° (our tests result)</li></ul> |
| Optical zoom:             | —                                                                                                            |
| Min. illumination:        | 0.002 Lux (color) @ F1.5<br>0.0002 Lux (B/W) @ F1.5                                                          |
| Range of IR illumination: | 40 m                                                                                                         |
| Resolution:               | 1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p                                             |

## General information:

|                                |                                                                                                                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                      | TCP/IP                                                                                                                                                                                                                                               |
| Video output:                  | CVBS - 1 Vpp / 75 Ω                                                                                                                                                                                                                                  |
| 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:                         | <ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li></ul>                                                                                                                                                   |
| Main stream frame rate:        | 25 fps @ 720p<br>25 fps @ 1080p                                                                                                                                                                                                                      |
| Network interface:             | 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:                         | 16.12                                                                                                                                                                                                                                                |
| Mobile phones support:         | Port 37777<br><ul style="list-style-type: none"><li>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li><li>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li></ul> |
| Default IP address:            | 192.168.1.64                                                                                                                                                                                                                                         |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                             |
| Web browser access ports:      | 80, 37777                                                                                                                                                                                                                                            |
| PC client access ports:        | 37777                                                                                                                                                                                                                                                |
| Mobile client access ports:    | 37777                                                                                                                                                                                                                                                |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                   |

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| RTSP URL:              | <ul style="list-style-type: none"> <li>• Main stream<br/>VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/<br/>THERMAL IMAGING CAMERA :<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/201/</li> <li>• Sub stream<br/>VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/<br/>THERMAL IMAGING CAMERA :<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/202/</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Main features:         | <ul style="list-style-type: none"> <li>• The possibility of overlapping the image from a thermal imaging camera in a classic image</li> <li>• Temperature measurement</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• PIP - Picture In Picture</li> <li>• BLC - Back Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Motion Detection</li> <li>• AGC - Automatic Gain Control</li> <li>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> <li>• Audio detection</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• D-ZOOM - Digital Zoom</li> <li>• 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</li> <li>• 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</li> </ul> |
| Power supply:          | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 1 A</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power consumption:     | ≤ 12 W @ 12 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing:               | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Weight:                | 1.57 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions:            | 352 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:              | 305400686                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |