

## HIKVISION®

Thermal camera with 25 mm optics

DS-2TD2138-25/QY



### VIDEO (CAMERAS)

Video Resolution	<b>1 Megapixel</b>
3D-NR	<b>Yes</b>
AGC	<b>Yes</b>
Images per second	<b>25fps</b>
Video output	<b>RJ45</b>
Digital Zoom	<b>8</b>
Compression	<b>H.265 / H.264</b>
Main thermal stream	<b>1280 x 720 / 704 x 576 / 640 x 512 / 352 x 288 (25fps)</b>
Sub thermal stream	<b>704 x 576 / 640 x 512 / 352 x 288 (25fps)</b>

### NETWORK FEATURES

IP connection	<b>1 RJ45 (10M / 100M)</b>
ONVIF	<b>Yes, type S y G</b>
Maximum number of users	<b>Up to 32 users</b>
Web browser	<b>Explorer / Chrome / Firefox</b>
Management software	<b>iVMS-4200 / Hik-Connect</b>
Mobile devices	<b>Android / IOS (Apple)</b>
Live view	<b>Up to 20 channels</b>
IP address filter	<b>Yes</b>

### THERMAL CAMERA

Sensor	<b>Vanadium Oxide Uncooled Focal Plane Arrays</b>
Sensor resolution	<b>384 x 288</b>
Pixel size	<b>12 um</b>
Thermal sensitivity	<b>35 mK</b>
Range of spectra	<b>8 um ~ 14 um</b>

### INPUTS/OUTPUTS (CAMERAS)

Alarm	<b>2 Inputs / 2 Outputs</b>
Vídeo	<b>1 x 1.0Vp-p / 75Ω, PAL / NTSC (HDCVI Optional)</b>
Audio	<b>1 Input / 1 Output</b>
RS485	<b>1 Input</b>

### POWER CONSUMPTION

Power mode	<b>DC / AC</b>
Voltage	<b>12V / 24V</b>
Consumption (w)	<b>5W</b>
Amperage	<b>600mA</b>
PoE power	<b>Yes</b>
Type PoE	<b>PoE 802.3af</b>

### AMBIENT

Operating temperature	<b>-40 °C ~ 65 °C</b>
Degree of protection	<b>IP67</b>
Anti vandal	<b>IK10</b>
Use	<b>Indoor-outdoor</b>
Maximum humidity	<b>90%</b>
Lightning protection	<b>6KV</b>

### VIDEO ANALYSIS

Detection type	<b>Analytical with human/vehicle classification in line/area crossing</b>
Crossing line	<b>Yes</b>
Intrusion	<b>Yes</b>
Detection and fire alarm	<b>Si</b>

### THERMAL LENS

Type of lens	<b>Fixed</b>
Focal distance	<b>25 mm</b>
Angle	<b>11°</b>
Maximum diaphragm opening	<b>F/1.0</b>

### MATERIAL AND DIMENSIONS

Dimensions	<b>351.3 x 113.5 x 115.2 mm</b>
Material	<b>Metal</b>
Net weight	<b>1770 g</b>

### HUMAN EFFECTIVE DISTANCE

Detect	<b>1042 m</b>
Recognize	<b>260 m</b>
Identify	<b>130 m</b>

# technical datasheet

## GENERAL INFORMATION

Serie	<b>PRO</b>
Technology	<b>IP</b>
Type of camera	<b>Thermal</b>

## STORAGE

MicroSD-Card	<b>Up to 256Gb</b>
Storage Systems	<b>NAS / FTP / Micro SD</b>
ANR (Redundant Recording in SD)	<b>Yes</b>

## EFFECTIVE DISTANCE VEHICLES

Detectar	<b>3194 m</b>
Recognize	<b>799 m</b>
Identify	<b>399 m</b>

## NIGHT VISION

Type of night vision	<b>IR</b>
----------------------	-----------

## AUDIO(CAMERAS)

Audio compression	<b>G.711A / G.711U / G.722.1 / G.726 / MP2L2 / PCM</b>
-------------------	--

## TEMPERATURE MEASUREMENT

Temperature range	<b>-20 °C ~ 150 °C</b>
Temperature Accuracy	<b>± 8 °C</b>

## AXES

Motion	<b>3-Axis</b>
--------	---------------