

**HIKVISION®**

Thermal camera with 15 mm optics

DS-2TD2138-15/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>Sí</b>                                                                 |

**THERMAL LENS**

|                           |              |
|---------------------------|--------------|
| Type of lens              | <b>Fixed</b> |
| Focal distance            | <b>15 mm</b> |
| Angle                     | <b>17°</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>625 m</b> |
| Recognize | <b>156 m</b> |
| Identify  | <b>78 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>1917 m</b> |
| Recognize | <b>479 m</b>  |
| Identify  | <b>240 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> |
|--------|---------------|