

HIKVISION®

Thermal camera with 9.7 mm optics

DS-2TD2138-10/QY

VIDEO (CAMERAS)

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

NETWORK FEATURES

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

THERMAL CAMERA

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

INPUTS/OUTPUTS (CAMERAS)

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

POWER CONSUMPTION

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

AMBIENT

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

VIDEO ANALYSIS

Detection type	Analytical with human/vehicle classification in line/area crossing
Crossing line	Yes
Intrusion	Yes
Detection and fire alarm	Sí

THERMAL LENS

Type of lens	Fixed
Focal distance	9.7 mm
Angle	26°
Maximum diaphragm opening	F/1.0

MATERIAL AND DIMENSIONS

Dimensions	351.3 x 113.5 x 115.2 mm
Material	Metal
Net weight	1770 g

HUMAN EFFECTIVE DISTANCE

Detect	404 m
Recognize	101 m
Identify	51 m

technical datasheet

GENERAL INFORMATION

Serie	PRO
Technology	IP
Type of camera	Thermal

STORAGE

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

EFFECTIVE DISTANCE VEHICLES

Detectar	1239 m
Recognize	310 m
Identify	155 m

NIGHT VISION

Type of night vision	IR
----------------------	-----------

AUDIO(CAMERAS)

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

TEMPERATURE MEASUREMENT

Temperature range	-20 °C ~ 150 °C
Temperature Accuracy	± 8 °C

AXES

Motion	3-Axis
--------	---------------