

HIKVISION®

Dual (thermal / real) camera
with 6.9 mm optics

DS-2TD2628-7/QA



VIDEO (CAMERAS)

Video Resolution	4 Megapixels
3D-NR	Yes
AGC	Yes
WDR	WDR (120 dB)
Images per second	25fps
Video output	RJ45
Compression	H.265 / H.264
Main stream	4Mpx / 1080P / 720P (1 ~ 25fps)
Sub stream	704 x 576 / 352 x 288 (25fps)
Main thermal stream	1280 x 720 / 704 x 576 / 640 x 512 / 320 x 240 (25fps)
Sub thermal stream	704 x 576 / 640 x 512 / 320 x 240 (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

VIDEO ANALYSIS

Detection type	Analytical with human/vehicle classification in line/area crossing
Crossing line	Yes
Intrusion	Yes
Detection and fire alarm	Si
Classification Human / vehicle	Yes
Smoke detection	Si

THERMAL CAMERA

Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
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POWER CONSUMPTION

Power mode	DC / AC
Voltage	12V ~ 24V
Consumption (w)	8.5W
Amperage	800mA
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	95%
Lightning protection	4KV

IMAGE

Sensor	CMOS ®
Sensor resolution	2688 x 1520
Sensor Size	1/2.7'
Electronic shutter speed	1s to 1/100,000s
Minimum lighting	0.009Lux

MATERIAL AND DIMENSIONS

Dimensions	321.3 x 106.1 x 107 mm
Material	Metal
Net weight	1550 g
Weight with packaging	2300 g

THERMAL LENS

Type of lens	Fixed
Focal distance	6.9 mm
Angle	24.9°
Maximum diaphragm opening	F/1.0

NIGHT VISION

Night vision distance	30 m
Type of night vision	IR

technical datasheet

Sensor resolution	256 x 192
Pixel size	12 μm
Thermal sensitivity	Less than or equal to 50 mK
Range of spectra	8 μm ~ 14 μm

LENS

Lens Type	Fix
Focal distance	6.4 mm
Maximum diaphragm opening	F/1.6
Angle of View	53°

GENERAL INFORMATION

Serie	HeatPro
Technology	IP
Type of camera	Dual (Thermal / Real)

AUDIO(CAMERAS)

Audio input	1 Input
Audio compression	G.711A / G.711U / G.722.1 / G.726 / MP2L2 / PCM
Audio output	1

INPUTS/OUTPUTS (CAMERAS)

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

EFFECTIVE DISTANCE VEHICLES

Detectar	881 m
Recognize	220 m
Identify	110 m

AXES

Motion	3-Axis
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IR ON/Off	Automatic / Manual
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STORAGE

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

HUMAN EFFECTIVE DISTANCE

Detect	287 m
Recognize	72 m
Identify	36 m

TIOC

Siren	Yes
Light	White

TEMPERATURE MEASUREMENT

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

