

2310111147

## DS-2TD2636-10

Indoor Thermal IP camera, 384x288 pixels



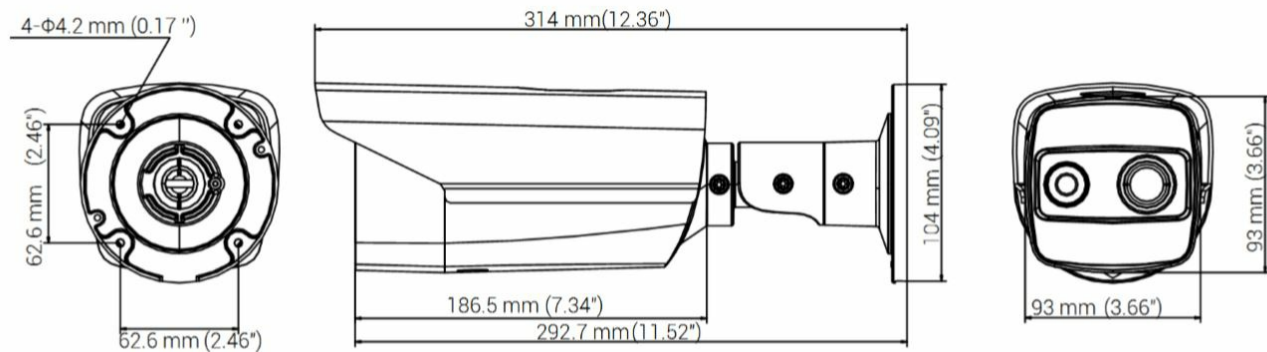
- ✓ Aluminum housing
- ✓ Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD less than 40 mk (0.04°C), F#=1.0
- ✓ Powerful behavior analysis function, based on deep learning algorithm: Line crossing, Intrusion, Region Entrance & Exit
- ✓ Reliable temperature exception alarm function
- ✓ Advanced fire detection algorithm
- ✓ Bi-spectrum image fusion, picture in picture preview
- ✓ 384 × 288 resolution sensor, high sensitivity sensor, support contrast adjustment
- ✓ Shutter adjustment in various modes
- ✓ 3D DNR, 15 palettes of color adjustable, image detail enhancement
- ✓ Mirror image, digital zoom ×2, ×4, ×8, and local output
- ✓ Thermal field of view 37 × 28 deg, 10mm lens
- ✓ Optical 1080p camera, 30-52deg, 6mm lens
- ✓ 24VAC or PoE+ supported (20W)

 IP66

## Description

The DS-2TD2636-10 Thermal Bi-spectrum Network Bullet Camera is applied to perimeter defense and fire-prevention purposes in critical infrastructures such as: airport, railway, prison, power station, 4S stores, and so on. The pre-alarm system helps you discover unexpected events immediately and protects you from property loss.

## Technical Dimensions



# Specifications

## DESCRIPTION

IR Distance	Up to 40m
IR IntenSity and Angle	Auto Adjust
Main Stream	Optical: 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); Optical: 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720); Thermal: 50fps (384×288)
Sub Stream	Optical: 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); Optical: 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720); Thermal: 50fps (384×288)
Video Compression	H.264/MJPEG,H.264+ encoding with Baseline/Main/High Profile
Audio Compression	G .711u/G.711a/G.722.1/MP2L2/G.726 /PCM
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos ,FTP,SMTP,UPnP,SNMP,DNS,DDN S,NTP,RTSP,RTCP,RTP,TCP,UDP, I GMP,ICMP,DHCP, PPPoE, Bonjour
Simultaneous live view	Up to 20-ch
User/Host Level	Up to 32 users, 3 levels: Administrator, Operator, User
Security Measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering
Alarm Input/Output	2-ch Inputs (0-5V DC); 2-ch relay outputs, alarm response actions configurable
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V[p-p], output impedance:1KΩ±10%
Audio Output	Linear Level; Impedance: 600Ω
Ethernet	1x RJ45 10M/100M Self-adaptive Ethernet interface
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+; Multiple Languages
Power Consumption	24 VAC± 25%: 0.84 A, 12 VDC ± 20%: 1.6 A, max. 10W (20 W with De-icing Heater On), PoE (802.3at, class 4): 42.5 V to 57 V, 0.35 A to 0.47 A
Power	24 VAC± 25%, 12 VDC± 20%, two-core terminal block PoE (802.3at, class 4)
Working Temperature/ Humidity	From -40°C to 60°C; Humidity: 90% or Less
Protection Level	IP66 Standard; TVS 6000V Lightning Protection, Surge

Protection Level	Protection and Voltage Transient Protection
Dimensions	314mm × 104mm × 292.7mm
Weight	1.55Kg

#### THERMAL MODULE

Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	384 × 288
Pixel Interval	17μm
Response Waveband	8μm to 14μm
NETD	less than 40 mk (0.04°C), F#=1.0
Lens (Focal Length)	10 mm
MRAD	1.70 mrad
Field of View	37.7° × 28.7° (H × V)
Min. Focusing Distance	1.0 m
Aperture	F1.0

#### OPTICAL CAMERA

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Image Resolution	1920 × 1080
Min. Illumination	Color: 0.002 lux @ (F1.5 , AGC On ) B/W : 0.0002 lux @ (F1.5 , AGC On )
Focal Length	6 mm
Field of View	52.8° - 30.0° (Wide-Tele)
WDR	Digital
Shutter Speed	1 to 1/100,000s
Day & Night	IR Cut Filter with Auto Switch

#### ACCESSORIES

2310111124	DS-1280ZJ-S Bracket/ junction box
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