

Secura Zone



Typenbezeichnung

4 MP

Thermal Network Hybrid Speed Dome Camera

Hauptgruppe

Sec-IP-Dome

Artikelnummer

DHI-TPC-SD2241-T

Kurzbeschreibung

- Vanadium oxide uncooled focal plane detector.
- 4Megapixel progressive scan CMOS.
- Offers various AI functions such as intrusion, target filtering, heat detection, smoking detection, and calling detection.
- Temperature measurement range of – 20 °C to +550 °C (-4 °F to +1022 °F).
- Built-in white light and speaker that produce light and sound alarms to deter intruders.
- IBuilt-in IR LED, and the max. illumination distance is 35 m.
- Wide monitoring range: Pan: 0° to 360° endless tilt: –15° to +90°.
- Dual image fusion (visible and thermal images).
- 12 VDC ± 20%/PoE+ power supply.
- IP66 rated.



Detailbeschreibung

Camera

Detector Type Vanadium oxide uncooled focal plane detector

Effective Pixels 256 (H) × 192 (V)

Pixel Pitch 12 µm

Spectral Range 8 µm–14 µm

Sensitivity (NETD) ≤50 mK@f/1.0

Focal Length 3.5 mm; 7 mm; 10 mm

Field of View

7 mm: H: 24°; V: 18° Thermal Focus Control Fixed-focal

Detection Distance: 7 mm: Vehicle: 778 m (2,552.49 ft) /Human: 292 m (958.01 ft)

Recognition Distance: 7 mm: Vehicle: 194 m (636.48 ft) /Human: 75 m (246.06 ft)

Identification Distance: 7 mm: Vehicle: 97 m (318.24 ft) /Human: 38 m (124.67 ft)

Visible

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Image Sensor 1/2.7" CMOS/Max. Resolution 2336 (H) × 1752 (V)

Pixel 4 MP

Horizontal Definition ≥1600 TVL

Min. Illumination / Color: 0.05 lux / B/W: 0.005 lux / 0 lux (IR on)

Visible AGC Auto/Manual / Visible Noise Reduction 2D NR/3D NR

S/N Ratio ≥55 dB

White Balance Auto; indoor; outdoor; tracking; manual; natural; street lamp

Focal Length 8 mm / Field of View: 8 mm: H: 33.4°; V: 25°

Close Focus Distance: 8 mm: 2.5 m (8.20 ft)

Aperture: 8 mm: F2.0

Illuminator On/Off Control Auto/Manual Illumination Distance:

8 mm: ≥50 m (164.04 ft)

PTZ

Pan/Tilt Range Pan: 0° to 360° endless

Tilt: -15° to +90°

Manual Control Speed Pan: 0.1°/s -200°/s

Tilt: 0.1°/s -120°/s

Preset Speed Pan: 240°/s

Tilt: 200°/s

Preset 300

Tour 8 (up to 32 presets per tour)

Pattern 5

Scan 5

Power-off Memory: Yes

Privacy Masking: 4 areas in the same view

Idle Motion Activate: Preset/Scan/Tour/Pattern/Pan

Intelligence

Heat Detection: Yes

Cold/Hot Spot Trace: Yes

IVS (Perimeter Protection): Yes. Supports tripwire and intrusion.

Target Distinction: Human/Vehicle Classification

Smoking Detection: Yes

Call Detection: Yes

Network

Analog Output: 1-ch CVBS output, BNC port

Network Port: 1 × RJ-45 (10/100 Base-T)

Alarm Input: 2 / Alarm Output: 1

Audio Input: 1 / Audio Output: 1

RS-485 1

Power

Power: Supply 12 VDC, 2 A ± 20%, PoE+ (802.3at)

Power: Consumption Basic: <12 W (12 VDC)

Max: <24 W (12 VDC, adapter excluded)

ePoE: Yes



Zeichnung

