

TR-2C3723-P

5MP Motorized Dome Network Camera



Key Features

- High quality imaging with 5 MP resolution.
- Efficient H.265+ compression technology.
- Clear imaging against strong back light due to 120dB WDR technology.
- Focus on human and vehicle targets classification based on deep learning.
- Combines optical and digital zoom to capture detailed images.
- Motorized varifocal lens for easy installation and monitoring
- Audio and alarm interface available.
- Water and dust resistant (IP67) and vandal-resistant (IK10)

Introduction

Translogi Dome Network Camera is developed with a strong focus on cybersecurity, following the principle of security by design throughout its product lifecycle. It integrates multiple layers of protection including terminal security, data encryption, application hardening, network security, and privacy safeguards to ensure robust defense against cyber threats.

All implemented security technologies fully comply with local laws and international safety standards, enhancing the system's ability to resist malicious attacks while safeguarding both devices and sensitive user data in high-security environments.

Specifications

Camera sensor

Sensor Size	1/2.8" Progressive Scan CMOS
Max. Resolution	2592 x 1944
Color Sensitivity	Color: 0.006 Lux @ F1.4, B/W: 0 Lux with IR
Day & Night	IR cut filter
Shutter Speed	1 s to 1/100,000 s

Camera lens

Lens Focal Length	Motorized 2.7mm~13.5mm@F1.4
Focal Length & FOV	Horizontal FOV 99.8° to 32.1°, Vertical FOV 68.2° to 22.2°, Diagonal FOV 121.5° to 44.7°
Aperture	Max. F1.4
Lens Mount	Φ14
Focus	Auto, Manual
Lens Drive Type	Fixed
Angle Adjustment	Pan: 0°~355°, Tilt: 0°~80°, Rotation: 0°~355°

Supplement Light

Supplement Light Type	IR
Max. IR Distance	Up to 50 m
Wavelength	850 nm
Day/Night Switch	Day, Night, Auto, Schedule

Image

Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, HLC, 2D DNR, 3D DNR, AGC, Defog, AWB, Deblur, Anti-flicker, LDC, DIS, Watermark
Image Settings	Brightness, Contrast, Saturation, Sharpness
Image Rotation	Off, Rotating 180°, Flip Horizontal, Flip Vertical, Clockwise 90°, Anticlockwise 90°
Hybrid Zoom	Up to 40X
ROI	Up to 8 areas
S/N	>55dB
Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)

Video

Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16Kbps ~ 16Mbps(CBR/VBR Adjustable)
Audio Compression	G.711, AAC, G.722, G.726
Audio Sampling Rate	8/16/32/44.1/48KHz
Audio Bit Rate	16~256kbps

Frame Rate

Main Stream	60Hz: 60fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720) 50Hz: 50fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720)
Sub-Stream	60Hz: 60fps@(704x576, 640x480, 640x360), 50Hz: 50fps@(704x576, 640x480, 640x360)
Third Stream	60Hz: 30fps@(2048x1536, 1600x1200, 1920x1080, 1280x720, 704x576, 640x480, 640x360) 50Hz: 25fps@(2048x1536, 1600x1200, 1920x1080, 1280x720, 704x576, 640x480, 640x360)
Fourth Stream	60Hz: 10fps@(1280x720), 30fps@(704x576, 640x480, 640x360) 50Hz: 10fps@(1280x720), 25fps@(704x576, 640x480, 640x360)

Network

Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Protocols	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, LLDP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, VPN, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2
System Compatibility	ONVIF Profile G & M & S & T, One API
SIP/VoIP Support	Yes, Voice & Video-over-IP
Network Storage	NAS (Support NFS, SMB/CIFS), ANR

I/O interface

Audio I/O	Built-in Microphone and 1 Audio Output interface
Alarm I/O	1/1
Alarm Output	2 (1 relay output; 1 open collector output, max. 12V DC/10mA)
On-Board Storage	Support Micro SD/SDHC/SDXC Card Local Storage, up to 1TB

Features & Performance

Basic Event	Motion Detection, Tamper Detection, Audio Alarm, External Input, External Output, etc.
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Exception	Network Disconnection, IP Address Conflict, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card, etc.
Event Action	FTP Upload Record, SMTP Upload Record, SD Card Record, Snapshot, External Output, Play Audio, SIP Phone, HTTP Notification, One-Click Disarm, etc.
Video Analysis	VCA 2.0: Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Line Crossing, Loitering, Object Left, Object Removed
Attribute Extraction	Simultaneously detect up to 50 targets and capture humans and vehicles in real time. Recognize attributes including Upper and Lower Clothing Color, Hat, and Vehicle Types (Bicycle, Car, Motorcycle, Bus, Truck, E-scooter).
Face Detection & Face Attribute Recognition	Detect and capture faces, get real-time snapshots. The attributes include Age, Gender, Glasses, Mask, and Cap.
Object Counting & Report	Count the number of objects crossing the line, optionally human and vehicle. Support regional people counting for up to 4 detection areas.
Sound Classification	Supports recognition of Gunshot, Glass Break, and Screaming with instant alarm triggering.
Hard Hat Detection	Detect whether individuals are wearing safety hats. Trigger an alarm when a person is identified without a hard hat.
Privacy Protection	Automatically detect faces or human bodies in the video stream and overlay mosaic effects. Supported on Primary Stream/Secondary Stream, Compatible with H.265/H.264 formats.
Violence Detection	Identify violent behavior and trigger an alarm to alert others to intervene or prevent the action.

General

Dimension	Φ143mm x 108.4mm
Weight	Approx. 1.3kg
Material	Aluminum alloy
Power supply	DC 10V~DC 28V, max 8.7 W PoE (802.3af), max 10.5 W
Surge Protection	6KV

Environmental

Operating Temperature	-40 °C to 60 °C
Humidity	Less than 95% RH Non-condensing

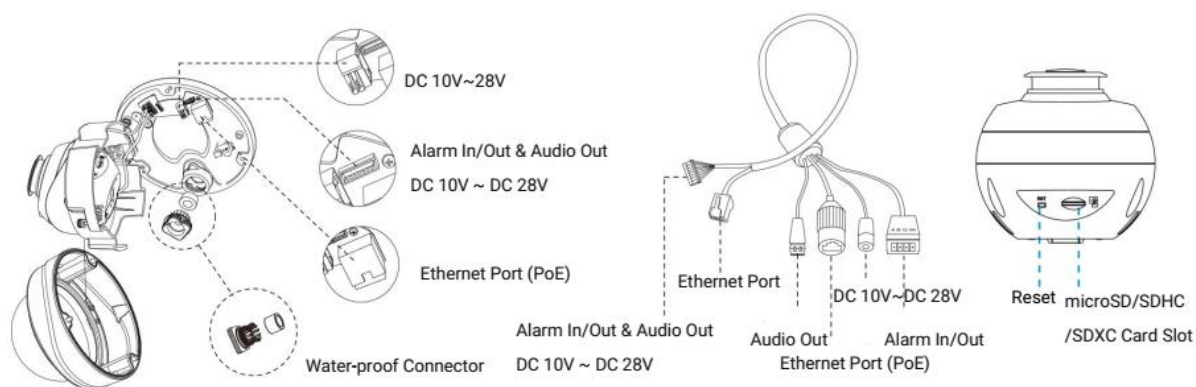
Approval

EMC	CE-EMC (EN 55032, EN 55035), FCC (PART 15B)
Safety	CE-LVD (EN IEC 62368-1)
Environment	CE-ROHS (Directive (EU) 2015/863 amending 2011/65/EU)
Protection	IP67, IK10

Ordering Information

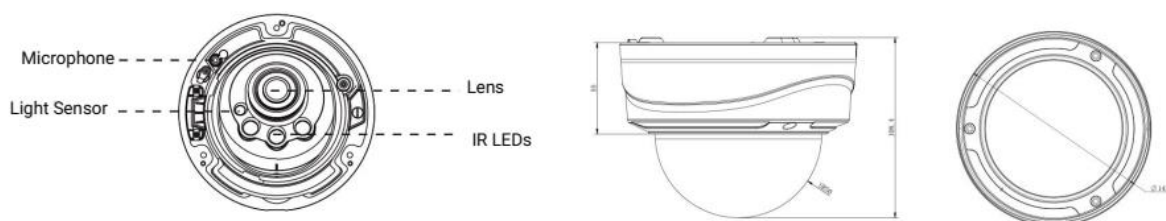
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Dimension



Note: The cable is connected with the interface board by default.

Units: mm



Accessory

Pole Mount Bracket	Corner Mount Bracket	Wall Mount	Pendant Mount
			
Junction Box	Smoked Dome Cover	Recessed Mount	Extension Lever
			

Note: Specifications are subject to change without notice.

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