AI IP CAMERA · INDOOR DOME

TCM-4145FC/AI+

4MP Indoor Full Color Audio IP Camera

Full Color technology delivers 24/7 vivid, colorful images with an F1.0 super-aperture lens and a high-performance sensor.

4 MP | Full Color | PoE | H.265+



4 MP 2560 × 1440

H.265+ Compression

130 dB True WDR

PoE 802.3af · 12 VDC

Audio Built-in mic

AI Smart Human counting

DESCRIPTION

The TCM-4145FC/AI+ is a 4MP indoor dome IP camera with Full Color technology that provides 24/7 vivid, colorful images. Its F1.0 advanced lens and high-performance sensor work together: the F1.0 super-aperture collects more light to produce brighter images, and advanced sensor technology greatly improves the use of available light. With a built-in microphone, 130 dB WDR and AI smart functions such as human counting, it suits indoor monitoring that needs clear images day and night.

FEATURE

- High-quality imaging, 4 MP (2560 × 1440) resolution
- Efficient H.265+ compression technology
- 130 dB WDR for clear imaging against strong backlight
- Built-in microphone for real-time audio security
- Humanoid classification
- 24/7 colorful imaging
- AI smart functions: human counting, electronic fence

SPECIFICATION

MODEL	TCM-4145FC/AI+		
Image Sensor	1/1.8″ progressive scan CMOS	**Min. Illumination**	Color: 0.0006 lux; 0 lux with white light
Day & Night Switch	Auto, schedule	**Noise Reduction**	3D DNR
WDR	130 dB	**Lens**	Fixed focal, 2.8 / 4 / 6 mm optional
FOV (2.8 mm)	H 112° · V 61° · D 134°	**FOV (4 mm)**	H 95° · V 51° · D 115°
FOV (6 mm)	H 58° · V 31° · D 69°	**Resolution**	2560 × 1440
Video Compression	H.265 / H.264	**Video Bit Rate**	32 Kbps – 8 Mbps
Audio	Internal microphone	**Audio Codec**	G.711
Smart Feature	Human counting, cross-border detection, electronic fence, off-duty detection, face detection	**Interface**	1 × RJ45 10M/100M self-adaptive Ethernet port
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP	**Client**	Techma VMS · Web browser: IE, Chrome, Firefox, Safari
Power Supply	12 VDC ±10%, PoE 802.3af Class 3	**Operating Conditions**	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Environment	IP65, indoor use	**Dimension & Weight**	100 × 115 × 100 mm · 300 g

APPLICATION

Retail & shops
Visitor counting at entrances and aisles

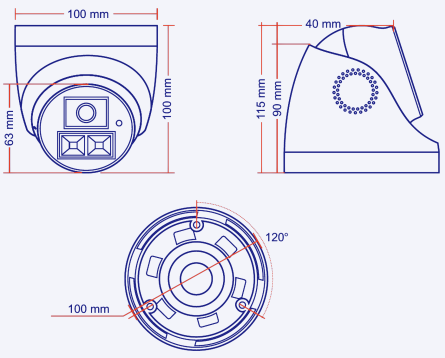
Office buildings
Entrance monitoring and off-duty detection

Restricted areas
Cross-border detection and electronic fence

Lobbies & public areas
24/7 full-color video with audio

DIMENSION

Unit: mm



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