ES-852O11T-S5-C-MI | Full Color Series
2MP Full Color Turret IP Camera with micro-SD slot

- 1/2.9" 2MP CMOS sensor
- H.265 dual stream encoding
- 2.8mm high-quality optical lens
- White light range 20m
- Built-in PoE & microphone
- Built-in micro-SD card slot (support max. 256GB)
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

24 Color | **2MP** | **3D DNR** | **IP67**

System Overview

Powered by the cutting edge F1.0 large aperture lens and warm white LED illuminators, ZKTeco's full-color series camera presents a high-quality color image with rich details even in total darkness conditions. Moreover, it's promising to deliver accurate identification 24/7.

The P2P cloud function is built-in for every device, enhancing its convenience and flexibility for remote real-time viewing.

Functions

Full-color & Starlight
It adopts an F1.0 large aperture lens and a 1/2.9" high-performance GalaxyCore sensor.. With a higher amount of absorbed light and an advanced image processing algorithm, the camera presents an impressive low light performance with an exceptional balance between noise reduction and the blur of moving objects. With 2pcs warm white LED illuminators, it can provide a colorful and vivid image even in total darkness.

H.265
H.265 technology is an evolutionary optimization of the traditional H.264. It includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

Micro-SD Card Slot
The models which are built-in with a micro-SD card slot enable to install a micro-SD card with max. 256GB capacity. It brings great conveniences for the portable short time video recording. The ANR function helps to keep the video data safer when the sudden or temporary network interruption circumstance happened.

Protection
With its precise mechanical and rugged metal casing design, IP cameras of the full-color series rated IP67 could stand against water and dust for a long time.
With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.
With a working temperature range from -30℃ to 60℃, the cameras could adapt to various harsh outdoor environment.
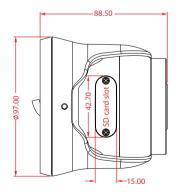
Technical Parameters

Camera

Model	ES-852O11T-S5-C-MI	Flash / DDR	16Mb / 512Mb
Image Sensor	1/2.9" CMOS	White Lights No.	2
Effective Pixels	1920*1080	White Light Distance	20m
Minimum Illumination	Color: 0.001Lux / F1.0	S/N Ratio	≥52dB

Lens

Lens Type	Fixed	Aperture	F1.0
Mount Type	Board-in	FOV	104.14°
Focal Length	2.8mm	Optical Zoom	N/A

Video

Compression		H.265 / H.264	WDR	DWDR
Resolution		1080P (1920 × 1080) 1.3M (1280 × 960) 720P (1280 × 720)	Day / Night	Support
Bitrate Control		CBR / VBR	White Balance	Support
Bitrate		H.265: 128Kbps - 6Mbps H.264: 128Kbps - 6Mbps	Defog	N/A
Multi-Streaming	Main Stream	1080P@25fps / 960P@25fps / 720P@25fps	Noise Reduction	2D/3D DNR
	Sub Stream	D1@25fps / VGA@25fps / CIF@25fps	Mirror/Flip	Support
	Third Stream	N/A	Corridor Mode	Support
Motion Detection		Support	HLC	Support
Digital Zoom		Support	BLC	Support
Audio Compression		G7.11u	ROI	4 areas
Privacy Mask		4 areas	Anti-flicker	N/A

IVA

Intelligent Video	N/A

Facial Detection

Face Templates	N/A	Face Quality Filtering	N/A
Face Detected per Frame	N/A	Detection Area	N/A
Detected Face Size	N/A	Capture Response	N/A

Network

Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess IVS
Interoperability	ONVIF, SDK, API	Operation System	Windows
Max. Online Users	3	Mobile APP	AntarView Pro
Web Browser	IE / Firefox / Chrome / Safari	P2P Cloud Service	Support

Interface

Ethernet	1 RJ-45 port (10/100Mbps)	Reset Button	Support
Audio I/O	Built-in Mic for audio in	Micro-SD Slot	Support (max. 256GB)
Alarm I/O	N/A	ANR	Support
RS485	N/A	USB	N/A

General

Power Supply	PoE, DC 12V±10%	Operating Temperature	-20℃ to 55℃
Power Consumption	<3.7W	Operating Humidity	0% to 90%RH
Ingress Protection	IP67	Net Weight	0.42kg
Dimensions	Φ97.00 x 88.50 (mm)	Gross Weight	0.6kg

Order Information

Camera	Model	Description
2MP Camera	ES-852O11T-S5-C-MI	2MP Full Color Turret IP Camera

Dimensions (mm)

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