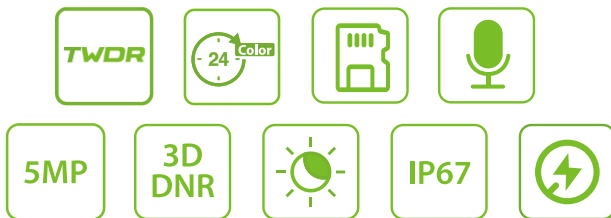


ES-855P12T-S7-C-MI

Full Color Series

5MP Full Color Face Detection Turret IP Camera with micro-SD slot



- 1/2.7" CMOS sensor
- H.265 triple stream encoding
- 3.6mm high-quality optical lens
- 120 db true WDR
- White light range 20m
- Built-in PoE & Microphone
- Built-in micro-SD card slot (support max. 256GB)
- An embedded face detection algorithm
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

System Overview

ZKTeco's full-color series camera empowers by the cutting edge F1.0 large aperture lens and warm white LED illuminators, presenting a high-quality color image with rich details in complete darkness conditions. This full-color series camera promises to deliver precise identification and upgrades the function with an embedded micro-SD card slot, supporting maximum 256GB. The 5MP full-color series also offers multiple industry-leading face detection for smart face deployment alarms. Moreover, the P2P cloud function is built-in for every device, enhancing convenience and flexibility for remote real-time viewing.

Functions

Full-color & Starlight

It adopts an F1.0 large aperture lens and a 1/2.7" 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. In addition, with four pieces of warm white LED illuminators, the camera can provide a colorful and vivid image in complete 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 installing a micro-SD card with maximum 256GB capacity. The micro-SD card slot brings great convenience for the portable short time video recording. Moreover, the ANR function helps to keep the video data safer when a sudden or temporary network interruption circumstance occurs.

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°C to 60°C, the cameras could adapt to various harsh outdoor environment.

Technical Parameters

Camera

Model	ES-855P12T-S7-C-MI	Flash / DDR	128Mb / 1Gb
Image Sensor	1/2.7"CMOS	White Lights No.	2
Effective Pixels	2592*1944	White Light Distance	20m
Min. Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	S/N Ratio	>52dB

Lens

Lens Type	Fixed	Aperture	F1.0
Mount Type	Board-in	FOV	85°
Focal Length	3.6mm	Optical Zoom	N/A

Video

Compression	H.265 / H.264		WDR	120db True WDR
Resolution	5MP (2592 x 1944) / 4MP (2688 x 1520) 3MP (2304 x 1296) / 1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)		Day / Night	Support
Bitrate Control	CBR / VBR		White Balance	Support
Bitrate	H.265: 4Mbps - 16Mbps H.264: 5Mbps - 20Mbps		Defog	N/A
Multi-Streaming	Main Stream	5MP@25fps/ 4MP@25fps / 3MP@25fps/ 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	5 areas		Anti-flicker	Support

IVA

Intelligent Video	Face Detection
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Face Detection

Face Templates	N/A	Face Quality Filtering	Support
Face Detected per Frame	5	Detection Area	User-defined
Detected Face Size	80x80~300x300 Pixels	Capture Response	≤200ms

Network

Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, RTPS, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess IVS
Interoperability	ONVIF, SDK, API	Operation System	Windows
Maximum 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	-30°C to 60°C
Power Consumption	<3.7W	Operating Humidity	0% to 90%RH
Ingress Protection	IP67	Net Weight	0.40kg
Dimensions	Φ97.00 * 88.50	Gross Weight	0.52kg

Order Information

Camera	Model	Description
5MP Camera	ES-855P12T-S7-C-MI	5MP Full Color Face Detection Turret IP Camera

Dimensions (mm)

