

ES-52T11/12/13H | W series

2MP WDR & Starlight IR Eyeball Network Camera



- 1/2.9" 2MP Sony Starlight Sensor
- H.265+ Triple-stream Encoding
- IR Effective Range 10~20m
- High Quality Optical Lens 2.8mm/3.6mm/6mm Optional
- IVA (Smart Function) Supported
- Built-in IEEE 802.3af PoE
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView)
- Lightning Protection Up to 6KV
- IP67 Ingress Protection



System Overview

W series IP cameras are high cost efficient solution which're powered by smart H.265+ and advanced cutting-edge Sony sensor for video monitoring.

It delivers crystal clear images and industry-leading IVA smart event.

Cloud function is built-in for every single device, which are more convenient and flexible for realtime and remote viewing.

Functions

H.265+

Delivering high quality video with up to 70% lower bandwidth. H.265+ is the optimized evolution of H.265 and traditional H.264. The Smart H.265+ includes a series of encoding strategy like Dynamic ROI, smart 2D&3D noise reduction, etc. to save up to 70% bandwidth and storage.

IVA (Intelligent Video Analysis)

It allows detecting multiple object behaviors, like Tripwire, intrusion, objects missing or abandoned, etc.

Protection

With precise mechanical and rugged casing design, it stands against water and dust with industrial IP67 rank.

Support $\pm 30\%$ input voltage tolerance, it could work safely in extreme unstable power condition.

With working temperature range -30°C to $+60^{\circ}\text{C}$, it works well in a variety of harsh outdoor environments.

WDR

Powered by ZKTeco strong ISP algorithm, W series promise to present excellent picture images at extreme contrast lighting environment. Such as Main entrance of buildings, Parking lots etc.

Technical Parameters

Camera

Model	ES-52T11H	ES-52T12H	ES-52T13H
Image Sensor	1/2.8" 2MP Sony Starlight Sensor		
Min. Illumination	Color: 0.01Lux@(F1.2, AGC ON), 0 Lux with IR B/W: 0.001Lux@(F1.2, AGC ON), 0 Lux with IR		
Effective Pixels	1920(H)* 1080(V)		

Flash/DDR	16MB/256MB
S/N Ratio	More than 52dB
IR Distance	10~20m
IR LED No	1

Lens

Focal Length	2.8mm	3.6mm	6mm
Aperture	F1.6		

FOV	106°	96°	60°
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Video

Compression	H.265+/H.265/H.264+/H.264
Resolution	1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576)/CIF(352x288)
Bit Rate Control	CBR/VBR
Bit Rate	1024Kbps~8192Kbps
Streaming	Triple stream
Frame Rate	Main stream: 1920x1080(1~25/30fps)
	Sub stream: 704x576(1~25/30fps)
	Third stream: 1280x720(1~25/30fps)
Digital Zoom	12x
Audio Compression	G.711A/G.726

WDR	120dB
Day/Night	Auto(ICR)/Color/B/W
White Balance	Supported
Defog	Supported
Noise Reduction	3D DNR
Mirror	Supported
Flip	Supported
BLC	Supported
ROI	Support 4 fixed region for main stream and sub stream separately
Anti-flicker	Supported
Privacy Mask	4 Areas

Alarm & Audio

Video Detection	Motion Detection, Video Shelter
Audio	Optional

IVA	Face Detection, Tripwire, Intrusion, Object Abandoned/Missing, People counting, Density etc.
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Network

Ethernet	1 RJ-45 port(10/100Mbps)
Protocols	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP/DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP
Onvif	Onvif Profile S
Max. Online Users	20

Web Browsers	IE/Firefox/Chrome/Safari
VMS	AntarVis
Mobile App	AntarView
Platform	Mac OS/ Windows/iOS/Android

General

Working Temperature	-30℃ ~+60℃
Working Humidity	10~90%
Power Supply	PoE, IEEE802.3af
	DC12V±10%
Power Consumption	<3W

Ingress Protection	IP67
Dimensions	Φ102x93.2mm
Net Weight	0.36KG
Gross Weight	0.44KG

Certifications

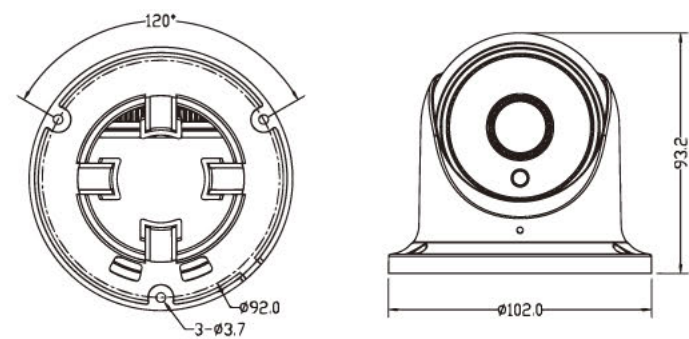
CE	EN55032, EN55024, EN61000-3-2, EN61000-3-3
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FCC	Part 15 Subpart B, ANSI C63.4-2014
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Ordering Information

Type	Part Number	Description
2MP Camera	ES-52T11H	2MP Network Camera(2.8mm Lens)
	ES-52T12H	2MP Network Camera(3.6mm Lens)
	ES-52T13H	2MP Network Camera(6mm Lens)

Dimensions (mm)



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