

ES-54N11/12/13H | P series

4MP WDR IR Eyeball Network Camera



- 1/3" 4MP Sensor
- H.265+ Dual-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

P 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, P 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-54N11H	ES-54N12H	ES-54N13H	Flash/DDR	16MB/256MB
Image Sensor	1/3" 4MP Sensor			S/N Ratio	More than 52dB
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			IR Distance	10~20m
Effective Pixels	2560(H)* 1440(V)			IR LED No	1

Lens

Focal Length	2.8mm	3.6mm	6mm	FOV	100°	89°	56°
Aperture	F2.0						

Video

Compression	H.265+/H.265/H.264+/H.264	WDR	120dB
Resolution	4MP(2680x1520)/3MP(2304x1296)/1080P(1920x1080) 1.3M(1280x960)/720P(1280x720)/D1(704x576)/CIF(352x288)	Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR	White Balance	Supported
Bit Rate	1792Kbps~8192Kbps	Defog	Supported
Streaming	Dual stream	Noise Reduction	3D DNR
Frame Rate	Main stream: 2680x1520(1~25/30fps)	Mirror	Supported
	Sub stream: 704x576(1~25/30fps)	Flip	Supported
		BLC	Supported
Digital Zoom	12x	ROI	Support 4 fixed region for main stream and sub stream separately
Audio Compression	G.711A/G.726	Anti-flicker	Supported
		Privacy Mask	4 Areas

Alarm & Audio

Video Detection	Motion Detection, Video Shelter, Camera Shift, Color Cast, Defocus	IVA	Face Detection, Tripwire, Intrusion, Object Abandoned/Missing, People counting, Density etc.
Audio	Optional		

Network

Ethernet	1 RJ-45 port(10/100Mbps)	Web Browsers	IE/Firefox/Chrome/Safari
Protocols	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP/DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	VMS	AntarVis
Onvif	Onvif Profile S	Mobile App	AntarView
Max. Online Users	20	Platform	Mac OS/ Windows/IOS/Android

General

Working Temperature	-30℃~+60℃	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ102x93.2mm
Power Supply	PoE, IEEE802.3af	Net Weight	0.36KG
Power Consumption	DC12V±10%	Gross Weight	0.44KG

Certifications

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

Type	Part Number	Description
4MP Camera	ES-54N11H	4MP Network Camera(2.8mm Lens)
	ES-54N12H	4MP Network Camera(3.6mm Lens)
	ES-54N13H	4MP Network Camera(6mm Lens)

Dimensions (mm)

