

ES-854N11/12/13H

4MP IR Eyeball Network Camera



- 1/3" 4MP Image Sensor
- H.265+ dual-stream encoding
- IR Effective Range 10~20m
- High quality optical lens 3.6mm/6mm optional
- IVA (Smart Function) Supported
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView Pro)
- Lightning Protection Up to 6KV
- IP67 Ingress Protection
- Built-in PoE



System Overview

E series 4MP IP cameras are cost efficient solution which is powered by smart H.265+ and advanced cutting-edge image sensor for video monitoring.

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

Cloud function is built-in for every single device, which is more convenient and flexible for real time 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.

IVA (Intelligent Video Analysis)

It allows detecting multiple object behaviors, like Face Detection, Tripwire, Intrusion, Object Detection and Target Counting 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 environment

Technical Parameters

Camera

Model	ES-854N11H	ES-854N12H	ES-854N13H	Flash/DDR	16MB/256MB
Image Sensor	1/3" 4MP Image Sensor			S/N Ratio	More than 52dB
Min. Illumination	0.08Lux/F2.0 (color) 0 Lux with IR on			IR Distance	10~20m
Effective Pixels	2592(H)* 1520(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.264			WDR	DWDR
Resolution	4MP(2592x1520 / 2560x1440 / 2048x1520)/1080(1920x1080)3MP (1280x960)/720P(1280x720)D1(720x576)/VGA(620x480)/CIF(352x288)			Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR			White Balance	Supported
Bit Rate	16Kbps-32Mbps			Defog	Supported
Streaming	Dual stream			Noise Reduction	3D DNR
Frame Rate	Main stream: 2592x1520(1-25/30fps) Sub stream: 720x576(1~25/30fps)			Mirror	Supported
Digital Zoom	12x			Flip	Supported
Audio Compression	G.711u			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	IVA	Face Detection/Tripwire/Intrusion/Object Left/Missing/Target Counting
Audio	N/A		

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 2.0
Onvif	Onvif Profile S	Mobile App	AntarView Pro
Max. Online Users	4	Platform	Mac OS/ Windows/IOS/Android

General

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

Ordering Information

Type	Part Number	Description
4MP Camera	ES-854N11H	4MP Network Camera(2.8mm Lens)
	ES-854N12H	4MP Network Camera(3.6mm Lens)
	ES-854N13H	4MP Network Camera(6mm Lens)

Dimensions (mm)

