

ES63122

12MP Fisheye Network Camera

EYESONIC™



Key Features

- 1/1.7" Progressive Scan CMOS
- Support He at Map
- 12 megapixel image sensor
- Up to 4000 × 3072 resolution
- Multiple viewing modes
- Line crossing and intrusion detection
- Ceiling, wall or table mount modes
- Up to 15m IR range
- 360° view angle
- Built-in microphone & speaker
- Audio/Alarm IO/ RS485

ES63122 is designed to single-handedly capture images from every corner of a particular location and eliminate blind spots. It features a progressive scan CMOS sensor to provide high-resolution images of up to 4000 x 3072, and a fisheye lens for a 360 panoramic or multiple de-warped views. Furthermore, IR functionality provides up to 15m IR distance of visibility under low or even zero-light conditions.

It is a great choice for detailed coverage of wide, open areas like airports, shopping malls, parking lots, retail stores, offices, restaurants, classrooms, and more.

Multiple Display Modes

The 12MP IR Fisheye Network Camera supports several viewing modes, including the 360° view (in 3 megapixel resolution, respectively), a horizontal panoramic view, PTZ quad view modes. Customers can also utilize this smooth PTZ function to easily pan, tilt and zoom, on any region of interest (ROI).

Camera Specs

Image sensor	1/1.7" Progressive Scan CMOS
Signal system	PAL/NTSC
Min. illumination	0.01 Lux @ (F1.2, AGC ON), 0.04 Lux @ (F2.4, AGC ON), 0 Lux with IR
Shutter time	1/25(1/30)s ~ 1/100,000s
Lens	1.98mm @F2.4, angle of view: 360°
Lens mount	M12
Day & Night	IR cut filter with auto switch
Wide dynamic range	Digital WDR
Digital noise reduction	3D DNR

Compression Standard

Video compression	H.264/MJPEG
Video bit rate	32Kbps~16Mbps
Audio compression	-S: G.711/G.726/MP2L2
Dual stream	Yes

Image

Max. image resolution	4000 × 3072
Frame rate	Mode1 50Hz: 1×fisheye (4000×3072, 20fps; 3072×3072,2560×2560 , 25fps) or 4×PTZ (1600×1200, 12fps) 60Hz: 1×fisheye (4000×3072, 20fps; 3072×3072,2560×2560 , 24fps) or 4×PTZ (1600×1200, 15fps) Mode2 50Hz: 1×Fisheye(2048×2048, 1280×1280, 12fps) + 1×Fisheye(720×720, 12fps) + 3×PTZ(1600×1200, 12fps) 60Hz: 1×Fisheye(1280×1280, 15fps) + 1×Fisheye(720×720, 15fps) +3×PTZ(1600×1200, 15fps) Mode3 50Hz:1×Panorama(3072×2304, 3072×1152, 12fps) + 1×Panorama(704×576, 12fps) 60Hz:1×Panorama(3072×2304, 3072×1152, 15fps) + 1×Panorama(704×576, 15fps)
Image settings	Saturation, Brightness, Contrast , Hue, Sharpness, AGC, White Balance
ROI	Support
3D DNR	Support
Day/Night switch	Auto/Schedule/Alarm Trigger

Network

Network storage	NAS (Support NFS,SMB/CIFS)
Alarm trigger	Line Crossing, Intrusion Detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	User Authentication, Watermark, IP address filtering, anonymous access, flickerless, heartbeat, video mask
System compatibility	ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

Interface

Audio input	1 3.5mm audio interface, Mic in/Line in (-S); 1 built-in microphone by default, 24db
Audio output	1 3.5mm audio output interface (-S); 1 built-in speaker by default, support echo cancellation
Communication interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS 485 interface (-S)
Alarm/Audio In/Out	1/1
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset button	Yes

General

Operating conditions	Indoor: -10 °C – 50 °C (14 °F – 122 °F) -V: -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 14.7 W
Impact protection	-V: IEC60068-2-75Eh, 20J; EN50102, up to IK10
Weather proof	IP66
IR range	15 meters
Dimensions	164x152.8x43.8mm(6.46"x6.02"x1.72")
Weight	1400g
NOTE:	* "-S" series support 1-ch audio I/O, 1-ch alarm I/O and 1-ch RS-485 interface