

SI55-12S

Full HD AI-Powered Network IR Bullet Camera



Superior Image Quality

1/1.9" 2MP CMOS sensor
FHD 1080p 30fps image

Smooth streaming and high
quality color images under
low light conditions

Ultra low light
integrated at 0.001 Lux

Excellent night-time
performance with
3D noise reduction together
with WDR & HLC

Recognition Functions

Identify multiple targets
simultaneously

Target tracking and
feature recognition

Bi-directional people counter

Built-in algorithm for
image comparison ability

Intelligent Face Detection
that detect face and
optimizes the exposure
optimally

Other Highlights

Expandable memory with
MicroSD card

Supports Automatic Network
Replenishment (ANR)

Bi-directional audio/
alarm input & output/
RS485 standard

Wide operating temperature
range

IP66 certified

TECHNICAL SPECIFICATIONS

CAMERA		NETWORK	
Image Sensor	Progressive scan CMOS 1/1.9" with 2.0 Megapixel Digital Wide Dynamic Range S/N Ratio: 52dB	Supported Protocols	IPv4, IPv6, TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP
Minimum Illumination	Color: 0.001Lux @ (f/1.4, AGC on) B/W: 0.0001Lux @ (f/1.4, AGC on)	User Interface	Web control works with IE, Firefox and Chrome
Shutter Time	1/7.5 to 1/16,000 secs	Max. User Access	10 users
Day and Night	Automatic infrared-cut filter, color, black & white	Compatibility	Onvif (Profile S/G), API, CGI
Lens	Auto Iris: DC drive Focal Length: auto varifocal, 15 - 50mm, f/1.4 Focus: manual/ semi-auto/ auto	Automatic Network Replenishment (ANR)	Supported
Infrared	IR Distance: 100m IR Intensity: Smart IR	INTELLIGENT FUNCTIONS	
Other Settings	Auto/ Manual White Balance Auto/ Manual Gain Control Backlight Compensation: BLC / HLC / WDR / Off	Detection and Tracking	Face detection and recognition for up to 18 targets simultaneously
VIDEO		Image Capturing	Person, Face, Full view Built-in algorithm for image comparison ability, select best shot automatically
Compression	H.265, H.264	Detectors	Direction detector, speed detector
Image Resolution and Frame Rate	Main stream: 1080p at 30fps Sub stream: D1 at 30fps	People Counter	Bi-directional counting
Bitrate	32kbps to 16Mbps	Photo Enhancement	Intelligenc face detection
Multi-Stream	Supported	CONNECTORS	
Image Settings	Bitrate Control: VBR / CBR Privacy masking & motion detection: up to 4 zones Video Stamper: timestamp / alert / direction/ customize 3D Noise Reduction, freeze frame, rotating image, mirroring of image	Network Connectivity	RJ-45 connector, 10/100M
AUDIO		Control	1 x RS485
Audio Capability	Compression: G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c Bitrate: 32kbps - 64kbps Audio Streaming: bi-directional / AEC / two way recording / mute and dumb	Audio In / Out	2 x Inputs, 1 x Output
		Alarm In / Out	2 x Inputs, 1 x Output
		External Memory	Support up to 128GB MicroSD card
		ALERT AND NOTIFICATIONS	
		Condition Triggers	Input alarm / network disconnection / low disk space / disk read error
		Event Triggers	Alarm incident report / recording / text overlay / snapshot / external output / email notification / acoustic alarm
		GENERAL	
		Operating Conditions	Temperature: -40°C ~ 60°C (-40 °F ~ 140 °F) Humidity 10% to 95%
		IP Rating	IP66
		Power	AC 24V ± 10%, Max. 25W
		Weight	2.8kg / 6.17lb (GWT)
		Dimensions	383 x 129.9 x 133mm / 15.05" x 5.11" x 5.24"



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