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## STARLIGHT SMARTSENSE 4MP IP CABLE-FREE FIXED MINI DOME CAMERA

### Key Specifications:

- + 4MP mini IP dome camera
- + 2.8mm lens
- + 101.1 degrees Field of View
- + 98 feet Smart IR Distance
- + microSD card slot supports up to 256GB
- + Built-in mic & Audio-Alarm I/O
- + 0.002 low-light Lux rating
- + 120dB WDR
- + ANR Network Storage
- + Cable-Free
- + NDAA compliant

The 4MP IP Cable-Free Fixed Mini Dome Security Camera delivers crisp video day or night.

This product has been specifically designed and manufactured to comply with the latest technical requirements specified under NDAA regulations.

- + **Multi-Megapixel Resolution Video** - 4MP camera captures a high level of clarity and detail for most applications
- + **3D Digital Noise Reduction (DNR)** - Get exceptional video image quality with less noise. 3D Digital Noise Reduction (3D-DNR). 3D-DNR incorporates frame-to-frame noise reduction with spatial noise reduction to produce clear video images with less noise in low light conditions.

# SPECIFICATIONS

## CAMERA

Sensor	1/2.7", 4.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.002 lux (F1.6, AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 - 1/100000s
Angle Adjustment	Pan: 0° - 348°; Tilt: -66° - 66°; Rotate: 0° - 346°
WDR	120dB
S/N	>52dB

## LENS

Lens type	2.8mm@F1.6
Iris	Fixed
Field of View (H)	101.1°
Field of View (V)	55.3°
Field of View (D)	111.1°

## DORI

Lens (mm):	2.8
Detect (m):	63
Observe (m):	25.2
Recognize (m):	12.6
Identify (m):	6.3

## ILLUMINATOR

IR Range	Up to 30m (98ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

## VIDEO

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P(1920*1080), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps-16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple streams

## IMAGE

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90° Clockwise/90° Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog

## INTELLIGENT

Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Statistical Analysis	People counting, support people flow counting and crowd density monitoring

## EVENTS

Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP authentication, user authentication

## AUDIO

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

## STORAGE

Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)

# SPECIFICATIONS

## NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Guard Station CMS Guard Tools Software Guard Viewer Mobile
Web Browser	"Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+"

## INTERFACE

Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	10M/100M Base-TX Ethernet
Video Output	N/A

## CERTIFICATIONS

EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A1:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	N/A

## GENERAL

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 4.5W
Power Interface	Cable-free
Dimensions (Ø x H)	Ø109 x 62mm (Ø4.3" x 2.4")
Weight	0.22kg(0.49b)
Material	Metal + Plastic
Working Environment	-30°C - 55°C (-22°F - 131°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C - 55°C (-22°F - 131°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Supported

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## DIMENSIONS

