



S Series

SC9133

Onboard AI Camera for
Occupancy



Technical Specifications

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	8 GB eMMC
RAM	2 GB

Camera Specifications

Image Sensor	1/2.8" Progressive CMOS
Max. Resolution	1792x1792 (3MP)
Lens Type	Fixed-focal
Focal Length	f = 1.47 mm
Aperture	F2.7
Iris Type	Fixed Iris
Field of View	140.0° (Horizontal) 140.0° (Vertical) 140.0° (Diagonal)
Shutter Time	1/60 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	No
Illuminators	Built-in White Light & IR LED
Minimum Illumination	0 lux with IR illumination on
Tilt Range	0° ~ 20°
Storage	Seamless Recording to MicroSD/SDHC/SDXC card (1TB capacity supported) and recording to network-attached storage (NAS)
Built-in Installation Aids	Pixel calculator, Micro USB *Requires Wi-Fi dongle and Micro USB converter

Video	
Compression	H.265, H.264, MJPEG
Maximum Frame Rate	30 fps @ 1792x1792 30 fps @ 896x896 30 fps @ 448x448
Maximum Streams	4 simultaneous streams
Main Stream	30 fps @ 1792x1792, 896x896, 448x448
2nd Stream	30 fps @ 1792x1792, 896x896, 448x448
3rd Stream	30 fps @ 896x896, 448x448
S/N Ratio	60.7 dB
Dynamic Range	92 dB
Video Streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream III
Image Settings	General settings video title and time stamp overlay, video orientation (flip, mirror), day/night settings Illuminators illuminators Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, highlight mask, 3DNR, scene mode Exposure BLC, HLC, exposure control, AE speed adjustment, WDR Privacy mask Pixel calculator

Audio	
Audio Capability	One-way Audio
Compression	G.711, G.726
Interface	Built-in microphone
Effective Range	5 meters

Network	
Users	Live viewing for up to 10 clients
Security	Access list, Password protection, Digest authentication, HTTPS, IEEE 802.1x, Secure boot, Signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event), User access log, User account management
Protocols	802.1X, ARP, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IBIS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface	10BASE-T/100BASE-TX Ethernet (M12, Female, 4-pin D-coded) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G, S, T, M supported

AI Analytics	
Compute Capability	SoC with built-in hardware deep learning accelerator
Applications	Smart Counter
Application available with license	Staff Exclusion

Solution Integration

VADP Package	Device Center, Trend Micro IoT Security (3-year free trial)
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Alarm and Event

Event Trigger	Motion detection, Camera tampering detection, Audio detection, Digital input, Manual trigger, Periodical trigger, System boot, Recording notification, SD card life expectancy, Shock detection, Cybersecurity events (brute force attack event, cyberattack event)
Event Action	Event notification via email, HTTP, FTP/SFTP, NAS server, SD card, digital output, audio clip, camera link File upload via email, HTTP, FTP/SFTP, NAS server, SD card

General

Connectors	M12 4-pin D-coded for Network/PoE *1 M12 12-pin A-coded for DC power/ 2x RS485 / 2x DI (max. 60V per port) / 1x DO Memory card slot *1
LED Indicator	System power and status indicator
Power Input	PoE IEEE 802.3af Class 3 DC 9-48V
Power Consumption	PoE: Max. 12.5W DC: Max. 13.3W
Dimensions	140 (D) x 76 (W) x 42 (H) mm
Weight	492 g
Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL, BIS, BSMI, EN50155, EN 45545-2, EN 50121-3-2, EN 50121-4, EN 61373, E-Mark (R10), ECE R118, IK10 (IEC 62262), IP66 (IEC 60529), UKCA
Operating Temperature	Starting Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity	90% RH
Warranty	60 months

System Requirements

Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories

Packing Contents	Quick installation guide, flat mounting bracket with ears, screw pack, M12 IO Cable (Open end)
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