VIVOTEK
A Delta Group Company

S Series

SC9133-RTL

3MP Counting Network Camera

Technical Specifications

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

Camera Specifications	
Image Sensor	1/2.8" Progressive CMOS
Max. Resolution	1792 x 1792 (3MP)
Lens Type	Fixed Focal
Focal Length	f = 1.47mm
Aperture	F2.7
Iris Type	Fixed-iris
Field of View	140° (Horizontal) 140° (Vertical) 140° (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 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	Micro USB* , pixel calculator *Requires Wi-Fi dongle and Micro USB converter

Video

Compression	H.265, H.264, MJPEG
Maximum Frame Rate	1792 x 1792 @ 30 f ps 896 x 896 @ 30 f ps 448 x 448 @ 30 f ps
Maximum Streams	4 simultaneous streams
Main Stream	30fps @ 1792x1792, 896x896, 448x448
2nd Stream	30fps @ 1792x1792, 896x896, 448x448
3rd Stream	30fps @ 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	Users Live viewing for up to 10 clients
Security	Access list, digest authentication, HTTPS , IEEE 802.1x, password protection, secure boot, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), user access log, user account management
Protocols	v4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS,DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP,ICMP, ARP, SSL, TLS, IBIS
Interface	10Base-T/100 BaseTX Ethernet (M12, Female, 4Pin, D-coded) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.

AI Analytics

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

Solution Integration

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

Alarm and Event

Event Trigger	Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, shock detection, system boot
Event Action	Event notification via audio clip, camera link, digital output, email, HTTP, FTP/SFTP, NAS server, SD card File upload via email, HTTP, FTP/SFTP, NAS server, SD card

General

Connectors	M12 D-code 4-pin for Network/PoE x1 M12 A-code 12-pin for DC power/ 2x RS485 / 2x DI (max. 60V per port) / 1x DO Memory card slot x1
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, UK CE
Operating Temperature	PoE/DC: Starting temperature: -30°C ~ 60°C (-22°F ~ 140°F) Working temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity	90%

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, Ceiling mounting bracket with ears, screw pack, M12 to RJ45 cable