# ULTRA HIGH DEFINITION
# 8MP IP BOX CAMERA

## VV-NC9398S-AF0T1
### CS MOUNT AI CAMERA (Lens not included)

## FEATURES

Ultra high definition 8MP (3840 × 2160) resolution

Triple-Stream (H.265+ /H.265 /H.264+/H.264/MJPEG) supported

Support 3D DNR,120dB WDR, HLC, BLC,defog and ROI function

Support triple streams

Support mobile surveillance by smart phones with iOS and android OS

Support SD card slot, up to 256GB

Inbuilt Smart analytics

H.265+
COMPRESSION

Backlight
Compensation

SD Card

Triple
Stream

POE

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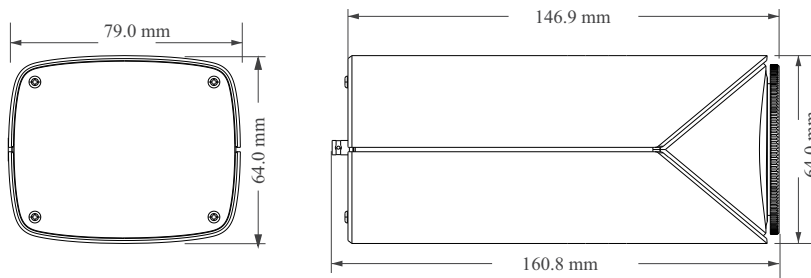| | | |
|---|---|---|
| **Camera** | Image sensor | 1/2.8" progressive scan CMOS sensor |
| | Signal System | PAL/NTSC |
| | Effective Pixels | 2840 (H) × 2160(V) |
| | Minimum Illumination | Color: 0.01 lux @ F1.2, AGC ON; B&W: 0.0053 lux@ F1.2, AGC ON |
| | Electronic Shutter Speed | 1 / 3 s ~ 1 / 100000 s |
| | Gain Control | Auto |
| | Signal to Noise | ≥50dB |
| | Iris | DC |
| **Lens** | Lens Mount | CS mount |
| **Compression** | Video Compression | H.265+ / H.265 / H.264 + / H.264 / MJPEG |
| | H.264 Codec Profile | Baseline Profile/Main Profile/High Profile |
| | Video Bit Rate | 64 Kbps ~ 12 Mbps |
| | Audio Compression | G711A / U |
| **Resolution and Frame Rate** | Max. Resolution | 8MP (3840 2160), 6MP(3072 2048),5MP(2592×1944),4MP(2592 × 1520 ), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P(1280× 720), D1, CIF, 480 × 240, VGA(640×480) |
| | Main Stream | 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(60Hz : 1~30fps; 50Hz : 1~25fps) |
| | Sub Stream | 720P/D1/CIF/VGA/480 ×240(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps ) |
| | Third Stream | 720P/D1/CIF/480 ×240(60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps ) |
| **Operational Features** | Wide Dynamic Range (WDR) | 120dB |
| | Backlight Compensation | Supported |
| | DNR | Inbuilt 3D DNR (Digital Noise Reduction) circuit |
| | High Light Compensation | Supported |
| | Defog | Supported |
| | Day & Night | ICR |
| | ROI | Each ROI to be configured separately |
| | Codec Streaming Capability | Triple streaming |
| | Image Settings | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image flip, image mirror, image Flip, NR, etc. adjustable through client software or web browser |
| | Onboard Storage | Built-in micro SD card slot; up to 256GB |
| | Alarm Trigger | Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm |
| | General Function | Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade |
| | Security | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP |
| **Network & Remote Monitoring** | Protocols | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, QoS |
| | System Compatibility | ONVIF |
| | CMS | Full function CMS ( Central monitoring software) |
| | Mobile Client Application | Supports android and iOS APP for Smart phone and tablets |
| | Bandwidth Control | VBR (Automatic) and CBR (Manual) supported |
| | Web Browser | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+ |
| | Online Connection | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission |

## VV-NC9398S-AF0T1

| | | |
|---|---|---|
| **Interface** | Ethernet | 1 RJ45 10M/100M Ethernet port |
| | Video Output | CVBS output (BNC × 1) |
| | Audio | 1CH audio input; 1CH audio output; 1CH built-in MIC |
| | Alarm | 2CH alarm input; 2CH alarm output |
| | RS485 | Supported |
| | Reset | Yes,Supported |
| **Intelligent Analytics** | Smart Features | Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection |
| | Statistics | Target counting by line/area, heat map |
| | Exception Detection | Scene change, video blur and abnormal color detection, audio exception |
| | Face Detection | Face detection and face capture |
| | Video Metadata | Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature |
| **Electrical** | Power Requirement | AC24V/DC12V/PoE (IEEE802.3af) |
| | Power Consumption | < 11W |
| **Environmental** | Operating Temperature | -30°C to + 60°C |
| | Storage Temperature | -30°C to + 65°C |
| | Operating Humidity | 95% or less (non-condensing) |
| **Mechanical** | Installation | Wall mounting, ceiling mounting |
| | Dimensions | 160.8 × 79 × 64mm |
| | Weight | Approx. 0.5KG |
| **Certifications** | Certifications | CE, FCC, RoHS |

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary.

## DIMENSIONS

Unit: mm

79.0 mm
64.0 mm
146.9 mm
64.0 mm
160.8 mm