

2M IP IR Flat Dome

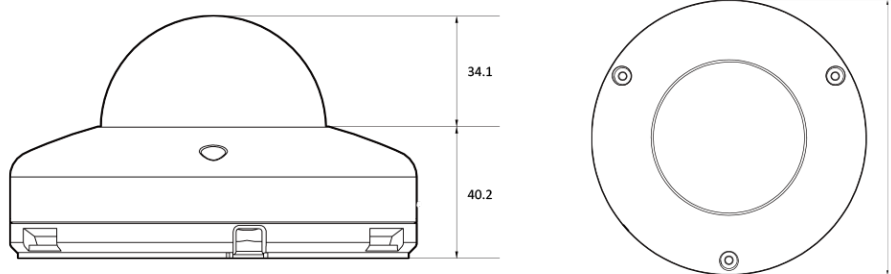
NVD8-22-R

Features

- Optimized Multiple Profile Streaming
- ROI(Region of Interest)
- Various Web Plug-in
- Smart AVC
- Advanced Built in ISP
- Fluid Integration Way
- Double Scan Sensor with Advanced Built in ISP (2M)



Dimension (mm)



Specification

Video

| | |
|-----------------------------|---|
| Image Sensor | 1/2.8" 2.1M CMOS |
| Channels | 1 |
| Total Pixel | 1945(H) X 1109(V) |
| Max Resolution | 1920(H) X 1080(V) |
| MIN. Illumination | 4mm : 0.09Lux, 0Lux with IR (F2.6) 6mm : 0.05Lux, 0Lux with IR (F2.0) 8mm : 0.03Lux, 0Lux with IR (F1.6) |
| Only installer Video Output | 1 [CVBS 1.0V p-p (75Ω)] |
| S/N(signal/noise) Ratio | 50dB |
| Scanning Mode | Progressive Scan |

Lens

| | |
|-------------------|--|
| Focal Length | 4.0mm 6.0mm 8.0mm |
| Aperture | 4.0mm, F2.6 6.0mm, F2.0 8.0mm, F1.6 |
| Lens Type | Fixed |
| IRIS Type | Auto Exposure |
| Horizontal Angle | D:120°, H:86°, V:46° (4mm) D:64°, H:55°, V:30° (6mm) D:47°, H:40°, V:22° (8mm) |
| Pan / Tilt / Zoom | Zoom :Fixed |

Operational

| | |
|--------------------------|---|
| Shutter Speed | Auto / Manual (1/15 ~ 1/32000) Anti-Flicker Slow Shutter(1/2,1/3,1/5,1/6,1/7.5, 1/10) |
| Auto Gain Control (AGC) | Auto |
| Day & Night | TDN (True Day & Night) |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range (WDR) | WDR(2x) |
| Dynamic Range | 120dB or above |
| LEDs | 8IR |
| LED Distance | 40ft |
| Privacy Zone | Yes |
| Function | Motion-Detection Mirror&Flip |

Intelligent Video Analytic

| | |
|-------------------------------|----|
| AI Intelligent Video Analytic | No |
|-------------------------------|----|

Encoder (video & audio)

| | |
|--|---|
| Video Compression | H.264 H.265 MJPEG |
| Support Resolution | H.265 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240 |
| Intelligent Codec | Yes |
| Multiple Profile Streaming Performance | Triple Streaming(3rd Only MJPEG) |
| Video BitRate | 100Kbps~10Mbps |
| Bitrate Control | Multi Streaming CBR/VBR at H.264,H.265 (Controllable frame rate and Bandwidth) |
| Video Bitrate extra comment | Multi-rate for Preview and Recording |
| Audio Compression | G.711 ulaw |
| Special Feature | Dynamic ROI(Region of Interest) |

I/O & Event

| | |
|--------------------|---|
| Audio In / Out | 1 Line Input[1.0Vrms, 3K ohm]/1 Line Output |
| Alarm In / Out | 1 Line/1 Line |
| Mic | No |
| Event Trigger | Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule Sensor Detection |
| Event Notification | FTP E-Mail Alarm Out SD Card |

Network

| | |
|---------------------------------|--|
| Ethernet | RJ45 (10/100Base-T) |
| Protocol | TCP/IP UDP AutoIP RTP(UDP/TCP) RTSP NTP HTTP HTTPS SSL DNS DDNS DHCP FTP SMTP ICMP SNMPv1/v2/v3(MIB-2) ONVIF |
| Security | HTTPS(SSL) IP filtering 802.1x Digest Authentication |
| Application Programming I/F | CGI API ONVIF |
| Web viewer | MS Edge® Google Chrome® |
| Video management software (VMS) | DW Spectrum® IPVMS |
| Support languages | English Korean Japanese |
| Edge storage | Micro SD Micro SDHC Micro SDXC |
| SD Card Socket | 1 |

Electrical

| | |
|-------------------|---|
| Power Requirement | Adaptor is not included DC12V PoE IEEE 802.3af Class2 |
| Power consumption | DC Max: 4W PoE Max: 5.5W |









Environmental

| | |
|-----------------------|---------------------------|
| Operating Temperature | -20°C ~ 50°C |
| Operating Humidity | 10-90% RH(Non-Condensing) |
| Vandal Proof Casing | IK10 |
| IP Rating | IP66 |
| Other Certification | FCC CE ROHS |

Mechanical

| | |
|------------------------|----------------------|
| Housing Model | VD8 |
| Housing | Outdoor Dome |
| Material | Aluminum-Die Casting |
| Color | White |
| Dimensions (W x D x H) | 125mm 74.3mm |
| Weight | 0.42kg |

Compatible Accessories

| | | | |
|--|---|--|--|
|  <p>BC10 NPT</p> |  <p>GP02 Gang Bracket</p> |  <p>BJC03 Junction Bracket</p> |  <p>BW10 Wall Bracket</p> |
|  <p>BC10 Ceiling Bracket</p> |  <p>BJC09 Wall Junction Bracket</p> |  <p>BP01 Pole Mount Bracket</p> |  <p>BCO01 Corner Mount Bracket</p> |