

# Total 20M IP MFZ Surround Dome

NVM5-520

## Features

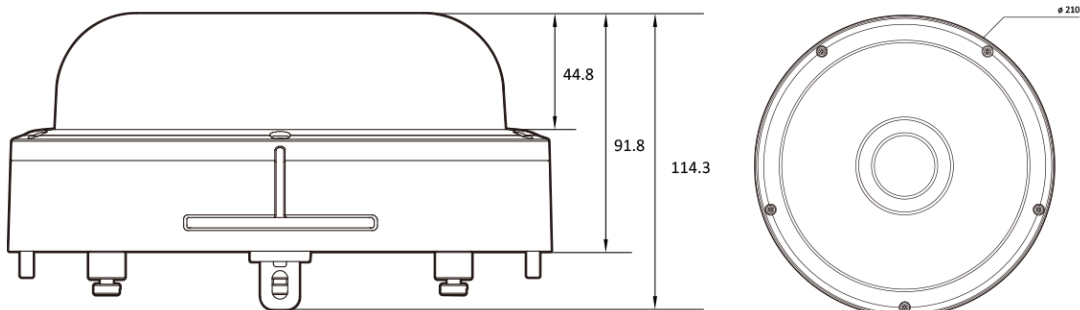
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- 5MP 4-channel camera
- Maximum resolution 2592 (horizontal) X 1920 (vertical) / 30fps per channel
- Horizontal angle of view 93 degrees (wide angle) to 51 degrees (zoom) / Optical 2.8x
- Day & Night (ICR)
- Backlight compensation (WDR)
- SD/SDHC/SDXC memory slot for each channel
- PoE IEEE 802.3 bt/Class 5
- IP67/IK10



## Dimension (mm)

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## Specification

### Video

Image Sensor	1/2.8" 5.69M CMOS
Channels	4
Total Pixel	2704(H) X 2104(V)
Max Resolution	2592(H) X 1944(V)
MIN. Illumination	COLOR: 0.1Lux BW: 0.05Lux
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

### Lens

Focal Length	2.8~8mm
Aperture	F1.6
Lens Type	Motorized_Varifocal
IRIS Type	Auto Exposure
Horizontal Angle	D: 64 ~119   H: 51 ~93   V: 39 ~68
Pan / Tilt / Zoom	Zoom :X2.8 Optical

### 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	Non-IR
LED Distance	No
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip

### Intelligent Video Analytic

AI Intelligent Video Analytic	No
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### Encoder (video & audio)

Video Compression	H.264 H.265 MJPEG
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**Encoder (video & audio)**

Support Resolution	H.265 : 2592x1944/2560x1440/1920x1080/704x576/704x480/640x480/640x360/352x288/352x240 (x4ch) H.264 : 2592x1944/2560x1440/1920x1080/704x576/704x480/640x480/640x360/352x288/352x240 (x4ch) MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240 (x4ch)
Intelligent Codec	Yes
Multiple Profile Streaming Performance	4 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(1000Base-T(1Gbps))
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	4

**Electrical**

Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3bt Class5
Power consumption	DC Max: 28W PoE Max: 31W

**Environmental**

Operating Temperature	-20°C ~ 50°C
Cold Start	No





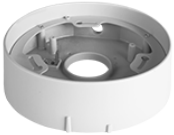



Environmental

Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP67
Other Certification	FCC CE ROHS UL KC

Mechanical

Housing Model	VM5
Housing	Outdoor Dome Multi-Sensor
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	210mm 92mm
Weight	1.9kg

Compatible Accessories

 <p><b>BC15 NPT</b></p>	 <p><b>BW15</b> Wall Bracket</p>	 <p><b>BW16</b> Wall Junction Bracket</p>	 <p><b>BR03</b> Inceiling Bracket</p>
 <p><b>BJC06</b> Junction Bracket</p>	 <p><b>BC15</b> Ceiling Bracket</p>	 <p><b>BP01</b> Pole Mount Bracket</p>	 <p><b>BCO01</b> Corner Mount Bracket</p>