

# 2M IP 3X PTZ

NPX3-52

## Features

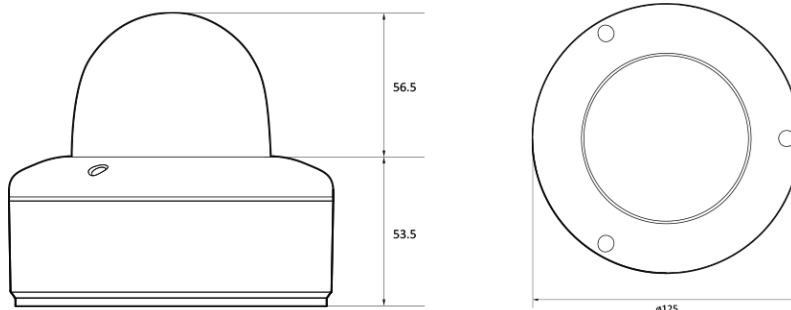
---

- Real-time High Definition Camera
- Triple Codec, Simultaneous Multi Streaming
- Day & Night by ICR
- Independent Camera Setup
- 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 X 1080                  |
| MIN. Illumination           | 0.03Lux<br>(B/W)0.006 (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      | 2.8~8mm                                      |
| Aperture          | F1.95 ~ F2.65                                |
| Lens Type         | Motorized                                    |
| IRIS Type         | P-IRIS                                       |
| Horizontal Angle  | D:68.3 ~131.6 , H:59.3 ~114.7 , V:33.2 ~61.2 |
| Pan / Tilt / Zoom | Pan:360<br>Tilt :90<br>Zoom :X3              |

### 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)  | Yes                                                                                   |
| Day & Night              | TDN (True Day & Night)                                                                |
| Digital Noise Reduction  | 3D DNR                                                                                |
| Wide Dynamic Range (WDR) | WDR (2x)                                                                              |
| Dynamic Range            | 120dB or above                                                                        |
| IR LEDs                  | Non-IR                                                                                |
| Privacy Zone             | Yes                                                                                   |

### Encoder (video & audio)

|                                        |                                                                                                                                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression                      | H.265 H.264 MJPEG                                                                                                                                                                              |
| Support Resolution                     | H.265 : 1920x1080/1280x720/640x480/352x288/352x240<br>H.264 : 1920x1080/1280x720/640x480/352x288/352x240<br>MJPEG : 1920x1080/1280x720/800x600/640x480/768x432/704x576/704x480/352x288/352x240 |
| Multiple Profile Streaming Performance | 1080p30 + CIF with H.264, H.265 + MJPEG                                                                                                                                                        |
| Video BitRate                          | Yes                                                                                                                                                                                            |

#### Encoder (video & audio)

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Bitrate Control             | Multi Streaming CBR/VBR at H.265 (Controllable frame rate and Bandwidth) |
| Video Bitrate extra comment | Multi-rate for Preview and Recording                                     |
| Audio Compression           | G.711                                                                    |
| Special Feature             | Dynamic ROI(Region of Interest) Smart LBR                                |

#### I/O & Event

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Audio In / Out     | 1[1.0Vms, 3K ohm]/1                                                                             |
| Alarm In / Out     | 1/1                                                                                             |
| 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                                                         |
| SIP/VoIP Support                | SIP VoIP                                                                                                     |
| Application Programming I/F     | CGI API ONVIF                                                                                                |
| Web viewer                      | Windows® Internet Explorer® 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 802.3at |
| Power consumption | DC12V Max 11.4WPoE Max 15.36W                  |

#### Environmental

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | -20°C ~ 50°C              |
| Cold Start            | No                        |
| Operating Humidity    | 10-90% RH(Non-Condensing) |
| IP Rating             | IP67                      |
| Other Certification   | FCC CE ROHS               |

| Mechanical             |                      |
|------------------------|----------------------|
| Housing Model          | PX3                  |
| Housing                | Outdoor PTZ Dome     |
| Material               | Aluminum-Die Casting |
| Color                  | White                |
| Dimensions (W x D x H) | 125mm<br>116mm       |
| Weight                 | 1kg                  |