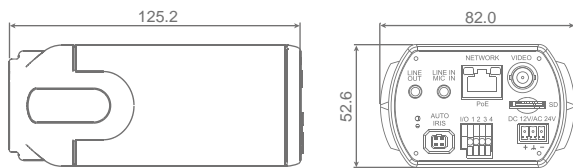


Megapixel IP Camera

NH063 Series
SONY 3M • WDR

Premium H.264 IP Camera

Dimension



Unit: (mm)

Features

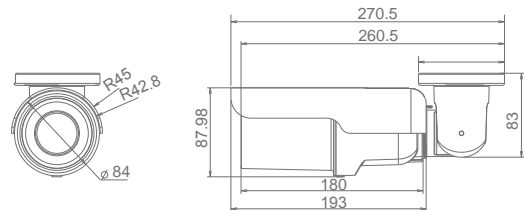
- Sony Progressive Scan CMOS Sensor
- C/CS mount lens
- NEW** • Quad Stream support
- NEW** • Dual Streams, Full HD 1080P real-time + D1 real-time
- NEW** • Quad Stream Compression: H.264 Baseline / Main / High Profile + MJPEG
- Multi-language support
- NEW** • Tampering Alarm
- NEW** • Wide Dynamic Range
- Motion Detection
- Privacy Masks
- NEW** • Smart Picture Quality / 3D Noise Reduction
- NEW** • Vertical View mode (Image rotation by 90°)
- NEW** • Smart IR mode
- NEW** • Network Failure Detection
- Day/Night (ICR)
- Auto Iris Lens support
- Micro SD support
- BNC analog output
- RS-485 support*
- **ONVIF** support

Note: Items marked with an asterisk (*) are optional

NH053 Series
SONY 3M • WDR • IR LED

Premium H.264 IP Camera

Dimension



Unit: (mm)

Features

- Sony Progressive Scan CMOS Sensor
- NEW** • Quad Stream support
- NEW** • Dual Streams, Full HD 1080P real-time + D1 real-time
- NEW** • Quad Stream Compression: H.264 Baseline / Main / High Profile + MJPEG
- Multi-language support
- NEW** • Tampering Alarm
- NEW** • Wide Dynamic Range
- NEW** • Remote Zoom & Focus (Motorized Lens)*
- Motion Detection
- Privacy Masks
- NEW** • Smart Picture Quality / 3D Noise Reduction
- NEW** • Vertical View mode (Image rotation by 90°)
- NEW** • Smart IR mode
- NEW** • Network Failure Detection
- Day/Night (ICR)
- IR LED module (Working distance up to 25m)
- Micro SD support
- Weatherproof (IP66 International)
- Sunshield
- NEW** • Integrated Mounting Bracket with Cable Management
- **ONVIF** support

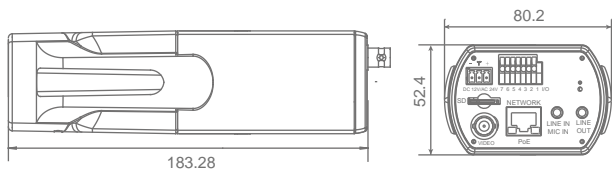
NH073 Series

Full HD • WDR • 3× / 18× Zoom



Dimension

18x



Unit: (mm)

Features

- Sony Progressive Scan CMOS Sensor
- 3× / 18× Optical Zoom with AF
- NEW** • Quad Stream support
- NEW** • Dual Streams, Full HD 1080P real-time + D1 real-time
- NEW** • Quad Stream Compression: H.264 Baseline / Main / High Profile + MJPEG
- Multi-language support
- NEW** • Tampering Alarm
- NEW** • Wide Dynamic Range
- Motion Detection
- Privacy Masks
- NEW** • Smart Picture Quality / 3D Noise Reduction
- NEW** • Vertical View mode (Image rotation by 90°)
- NEW** • Smart IR mode
- NEW** • Network Failure Detection
- Day/Night (ICR)
- Micro SD support
- BNC analog output
- RS-485 support
- **ONVIF** support

Note: Items marked with an asterisk (*) are optional

NH223 / NH323 Series

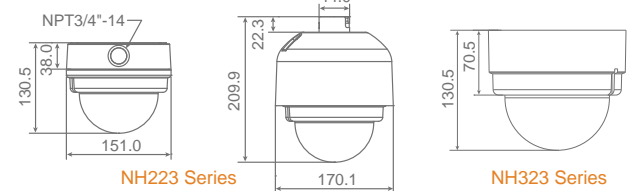
SONY 3M • WDR • Vari-focal



Dimension

Indoor

Outdoor



NH223 Series

NH323 Series

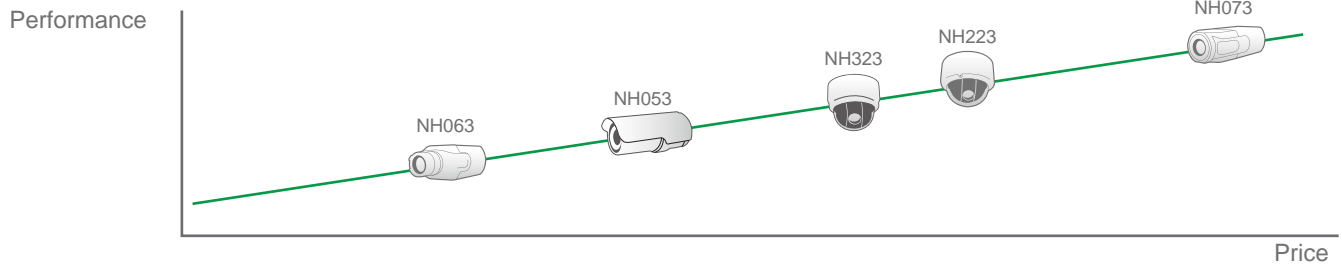
Unit: (mm)

Features

- Sony Progressive Scan CMOS sensor
- NEW** • Quad Stream support
- NEW** • Dual Streams, Full HD 1080P real-time + D1 real-time
- NEW** • Quad Stream Compression: H.264 Baseline / Main / High Profile + MJPEG
- Multi-language support
- NEW** • Tampering Alarm
- NEW** • Remote Zoom & Focus (Motorized Lens)*
- NEW** • Wide Dynamic Range
- Motion Detection
- Privacy Masks
- NEW** • Smart Picture Quality / 3D Noise Reduction
- NEW** • Vertical View mode (Image rotation by 90°)
- NEW** • Smart IR mode
- NEW** • Network Failure Detection
- Day/Night (ICR)
- IR LED module (Working distance up to 25m)*
- Micro SD support
- BNC analog output
- Weatherproof (IP66 International)*
- Sunshield and Pendant Mount Housing*
- Lightweight Dome Cover (NH323 Series)
- **ONVIF** support

Megapixel IP Camera

Value Chart



Comparison Chart

| Item | NH063 | NH073 | NH053 | | | NH223 | | NH323 | |
|---------------------|------------|-------|-------------|-----------|--------------|-----------|--------------|-----------|--------------|
| CMOS | • | • | • | • | • | • | • | • | • |
| Lens | C/CS mount | AF | Fixed focal | Manual VF | Motorized VF | Manual VF | Motorized VF | Manual VF | Motorized VF |
| Day / Night (ICR) | • | • | • | • | • | • | • | • | • |
| Audio in | • | • | • | • | • | • | • | • | • |
| Audio out | • | • | • | • | • | • | • | • | • |
| Alarm | • | • | • | • | • | • | • | • | • |
| RS-485 | ○ | • | - | - | - | - | - | - | - |
| BNC | • | • | • | • | • | • | • | • | • |
| Micro SD | • | • | • | • | • | • | • | • | • |
| Vandal proof | - | - | - | - | - | • | • | - | - |
| Weatherproof (IP66) | - | - | • | • | • | • | • | - | - |

• Support ○ Optional - Not support

Specification

| Item | Full HD Multiple Streams IP Camera |
|---------------------------|---|
| Camera | |
| Image Sensor | 1/2.8" Sony Progressive Scan CMOS |
| Picture Elements | 2M: 1920(H) × 1080(V) / 3M: 2048(H) × 1536(V) |
| Shutter Speed | 1~1/10000 sec. |
| White Balance | Manual / AWB / ATW |
| Digital Zoom | Support |
| Operation | |
| Video Compression | H.264 / MJPEG |
| Video Stream & Frame Rate | 3M Single Stream: H.264 2048 × 1536 (12.5/15 fps) Dual Streams, H.264 1080P (25/30 fps) + MJPEG D1 (25/30 fps) Dual Streams, H.264 1080P (25/30 fps) + H.264 D1 (25/30 fps) |
| Resolution | 3M Model 3M (2048 × 1536) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF 2M Model Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF |
| Image Setting | Exposure, White Balance, Brightness, Sharpness, Contrast, Saturation, Hue, WDR, Image Rotation, Motion Detection, Tampering Alarm, Privacy Mask, 3DNR, Smart Picture Quality |
| Audio | Line Out, Line In/Mic In |
| Alarm | Input 5V 10kΩ pull up Output Photo relay output 300V DC/AC |
| Event Notification | HTTP, FTP, SMTP |
| Network | |
| Interface | RJ-45, 10/100 Mbps Ethernet |
| Protocol | IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, IEEE, ONVIF |
| Security | HTTPS, IP Filter, IEEE 802.1X |
| Password Levels | User and Administrator |
| Internet Browser | Internet Explorer (6.0+), Chrome, Firefox, Safari |
| User Account | 20 |
| General | |
| Operating Temperature | -10 °C ~ 50 °C (14 °F ~ 122 °F) NH073: 0 °C ~ 40 °C (32 °F ~ 104 °F) |
| Power Source | DC 12V / AC 24V / PoE |
| Power Consumption | NH063: 4W, NH073: 6W(500mA), NH223/NH323/NH053: 5W (System) |
| Regulatory | CE, FCC, RoHS compliant |

Product specification and availability subject to change without notice. Certain product names mentioned herein may be trade names and / or registered trademarks of their companies.

Product Selection



NH063- □ □ □

| | | |
|--|---|---|
| Solution B: Full HD (30 fps) + D1 (30 fps) C: 3M (2048 × 1536 pixels) | Lens type 1: CS mount type, D/N | Power 0: DC 12V / PoE A: DC 12V / AC 24V / PoE |
|--|---|---|



NH053- □ □ □

| | | |
|--|--|---|
| Solution B: Full HD (30 fps) + D1 (30 fps) C: 3M (2048 × 1536 pixels) | Lens type T: 3x Zoom lens, 3.0 ~ 9.0 mm, F1.2 ~ 2.1, D/N Y: Vari-focal 3.0 ~ 9.0 mm, F1.2, D/N Z: Motorized Vari-focal 3.0 ~ 9.0 mm, F1.2, D/N | Application 3: w/ Sunshield & IR LED H: w/ Sunshield & IR LED & Heater |
|--|--|---|

*3x Zoom lens (2012 Q1)
**3M with Lens: Y or Z Series



NH073- □ □ □

| | |
|--|----------------------------------|
| Solution 01: Full HD (30 fps) + D1 (30 fps) (18x Zoom lens) 05: Full HD (30 fps) + D1 (30 fps) (3x Zoom lens) | Connectors 0: Standard |
|--|----------------------------------|

*18x Zoom lens: 4.7 ~ 84.6 mm, F1.6 ~ 2.8
** 3x Zoom lens: 3 ~ 9 mm, F1.2 ~ 2.1 (2012 Q1)



NH223- □ □ □

| | | |
|--|--|--|
| Solution B: Full HD (30 fps) + D1 (30 fps) C: 3M (2048 × 1536 pixels) | Lens type T: 3x Zoom lens, 3.0 ~ 9.0 mm, F1.2 ~ 2.1, D/N Y: Vari-focal 3.0 ~ 9.0 mm, F1.2, D/N Z: Motorized Vari-focal 3.0 ~ 9.0 mm, F1.2, D/N | Application 0: Indoor 3: Indoor, w/ IR LED A: Outdoor, w/ H & F B: Outdoor, w/ H & F, w/ IR LED |
|--|--|--|

*3x Zoom lens (2012 Q1)
**3M with Lens: Y or Z Series



NH323- □ □ □

| | | |
|--|--|---------------------------------------|
| Solution B: Full HD (30 fps) + D1 (30 fps) C: 3M (2048 × 1536 pixels) | Lens type T: 3x Zoom lens, 3.0 ~ 9.0 mm, F1.2 ~ 2.1, D/N Y: Vari-focal 3.0 ~ 9.0 mm, F1.2, D/N Z: Motorized Vari-focal 3.0 ~ 9.0 mm, F1.2, D/N | IR LED 0: None 1: IR LED |
|--|--|---------------------------------------|

*3x Zoom lens (2012 Q1)
**3M with Lens: Y or Z Series