



# HNP102-OD-RE



## FEATURES

2MP 4 Inch Network 2.8-12mm vari-focal lens Recess Outdoor Speed Dome

- This model has been replaced by [HNP112-OD/RE](#)
- High quality resolution: Up to 1920 x 1080
- Image Sensor: 1/2.8" Progressive Scan CMOS
- Video Compression: H.264/MJPEG
- Day & Night support with IR
- 4 x Optical zoom, 16x digital zoom
- Wide Dynamic Range support
- 24 VAC/PoE+

| Specifications       |                                                              |
|----------------------|--------------------------------------------------------------|
| Image Sensor         | 1/2.8" Progressive Scan CMOS                                 |
| Effective Pixels     | 1920(H)x1080(V)                                              |
| Video Format         | PAL/NTSC                                                     |
| Minimum Illumination | Colour: 0.05Lux @(F1.6, AGC On) B/W: 0.01Lux @(F1.6, AGC On) |
| White Balance        | Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp     |
| AGC                  | Auto/Manual                                                  |
| S/N Ratio            | 52dB                                                         |
| BLC                  | ON/OFF                                                       |
| HLC                  | Support                                                      |
| WDR                  | Support                                                      |
| Shutter Time         | 50Hz: 1/1-1/30,000s 60Hz: 1/1-1/30,000s                      |
| Day & Night          | ICR                                                          |

| Specifications           |                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Focal Length             | 2.8 - 12 mm, 4x                                                                                                                       |
| Angle of View            | 115 - 33.8 degree (Wide-Tele)                                                                                                         |
| Minimum Working Distance | 10-1000mm(Wide-Tele)                                                                                                                  |
| Aperture Range           | F1.6-F3.5                                                                                                                             |
| Pan & Tilt Pan Range     | 360°endless                                                                                                                           |
| Pan / Tilt speed         | Pan manual speed: 0.1° ~ 160°/s, Pan preset speed: 160°/s Tilt manual speed: 0.1° ~ 120°/s, Tilt preset speed: 120°/s                 |
| Proportional zoom        | Rotation speed can be adjusted automatically according to zoom multiples                                                              |
| Number of preset         | 256                                                                                                                                   |
| Patrol                   | 8 patrols, up to 32 presets per patrol                                                                                                |
| Park action              | Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan                                                                       |
| Power-off memory         | Support                                                                                                                               |
| PTZ position display     | Support                                                                                                                               |
| Preset freezing          | Support                                                                                                                               |
| Scheduled task           | Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action/Alarm output |
| Alarm I/O                | 1/1                                                                                                                                   |
| Ethernet                 | 10Base-T / 100Base-TX, RJ45 connector                                                                                                 |
| Max. image resolution    | 1920×1080                                                                                                                             |
| Frame rate               | 50Hz: 25 fps (1920×1080), 25 fps (1280×720); 60Hz: 30 fps (1920×1080), 30 fps (1280×720)                                              |
| Image compression        | H.264/MJPEG                                                                                                                           |
| Protocols                | IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP,IGMP, ICMP, DHCP, PPPoE               |
| Simultaneous live view   | Up to 6                                                                                                                               |
| Streams                  | Dual streams                                                                                                                          |
| SD memory card           | Built-in micro SD card slot, up to 128GB                                                                                              |
| User/Host Level          | Up to 32 users, 3 Levels: Administrator, Operator, User                                                                               |
| Security measures        | User authentication (ID and PW), Host authentication (MAC address), IP address filtering                                              |
| Application programming  | Open-ended API, support Onvif, PSIA and CGI                                                                                           |
| Web Browser              | IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+                                                                                         |
| Power                    | 24VAC/PoE+(802.3at), Max18W                                                                                                           |
| Working temperature      | -30°C ~ 65°C (-22°F ~ 149°F)                                                                                                          |
| Humidity                 | 90% or less                                                                                                                           |
| Protection level         | TVS 4,000V lightning protection, surge protection and voltage transient protection                                                    |
| Dimensions               | F165×179.5mm(F6.50"×7.07") (Indoor)                                                                                                   |
| Weight                   | Approx. 2Kg (4.41lbs)                                                                                                                 |