

# HD-Pack NP-P402

## Specification

4ch Full HD NVR with Built-in POE & 4 Outdoor Bullet Cameras



### KEY FEATURES:

- Watch live, network video and record real-time in full 1080p HD quality
- Built-in 4 POE ports turns a small IP installation into an easy plug & play
- No more expensive POE switches
- Free mobile apps for Apple and Android mobile devices
- Separate POE power adapter for stable power
- Built-in HDMI for a local HD display
- 4 Outdoor bullet cameras with LEDs

### TECHNICAL SPECIFICATION:

| NVR X 1               |                  |                                                                                  |
|-----------------------|------------------|----------------------------------------------------------------------------------|
| Compression           | Video            | H. 264 HP supported                                                              |
|                       | Audio            | ADPCM, PCM supported                                                             |
| HDD Interface         |                  | 1ea x SATA I / II / III (Max 2TB)                                                |
| Operating System      |                  | Embedded Linux                                                                   |
| Video output          |                  | HDMI<br>(1280x720p/1920x1080p/1280x1024/1024x768)                                |
| Live & Playback       | Decoding         | Live display @ 1080p                                                             |
|                       | Display mode     | 1/4 auto sequence                                                                |
|                       | Search mode      | Date/Time, Record Table, Calendar, Event, Bookmark, Play from Search, System log |
| Record                | Main Stream      | Max 120fps @ 1080p                                                               |
|                       | 2nd Stream       | Real-time up to D1                                                               |
|                       | mode             | Continuous, Event, Pre-alarm, Post-alarm                                         |
| Network               | Interface        | 1 x 10/100/1000Mbps WAN port<br>1 x 10/100Mbps LAN port                          |
|                       | Protocol         | TCP/IP, DHCP, NTP, HTTP, DDNS, RTP, RTSP, FTP, SMTP, OnVif, uPnP, IPv6           |
|                       | Monitoring       | Network Bandwidth / Camera Status / Access Log / Accessed Info / Alarm / Motion  |
| Interface             | USB              | 2 X USB 2.0                                                                      |
|                       | Serial           | N/A                                                                              |
| PoE                   |                  | 4 ports (802.3 AF supported)                                                     |
| Mobile                |                  | iPhone, iPad, Android                                                            |
| Web Browsing          |                  | Yes                                                                              |
| Audio In / Out        |                  | 1 x Audio in, 1 x Audio out                                                      |
| Alarm                 |                  | 1/1                                                                              |
| Power                 | Main : 12V / 3A  |                                                                                  |
|                       | PoE : 48V / 1.4V |                                                                                  |
| ETC                   |                  | Mouse, LED (Power, HDD, Network)                                                 |
| Operating Temperature |                  | 0° ~ 40°                                                                         |
| Operating Humidity    |                  | 0% ~ 90%                                                                         |
| Accessories           |                  | Mouse                                                                            |
| Approvals             |                  | FCC, CE Approval                                                                 |

| CAMERA X 4               |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/2.8" CMOS                                                                                         |
| Lens                     | 3.6mm Fixed                                                                                         |
| Scanning Mode            | Progressive Scan                                                                                    |
| Min. Illumination        | Color: 2.5 Lux, B/W: 0. Lux @ F1.2, 50IRE                                                           |
| AE/AWB                   | Yes                                                                                                 |
| DNR                      | 2DNR / 3DNR                                                                                         |
| D&N                      | True D&N (IR-cut filter)                                                                            |
| WDR                      | Yes                                                                                                 |
| LEDs                     | 24 LEDs (Up to 80ft)                                                                                |
| Progressive Encoding     | Yes                                                                                                 |
| Compression              | H.264(BP/MP/HP), MJPEG                                                                              |
| Resolution Supported     | 1080p, 1280x1024, 720p                                                                              |
| Frame Rate               | 30fps @ all resolutions                                                                             |
| Multiple Streaming       | Dual                                                                                                |
| Audio In/Out             | No                                                                                                  |
| Alarm In/Out             | No                                                                                                  |
| RS485                    | No                                                                                                  |
| Ethernet                 | 10/100Mbps                                                                                          |
| Local Storage            | No                                                                                                  |
| Motion Detection         | Yes                                                                                                 |
| Network Protocols        | IPv4/IPv6, Manual<br>TCP/IP, UDP, HTTP, RTP, RTSP, NTP, DHCP, SMTP, DDNS, HTTPS, RTCP, FTP, Bonjour |
| Weatherproof             | IP66                                                                                                |
| PoE                      | Yes                                                                                                 |
| Power                    | PoE, DC12V                                                                                          |
| Power Consumption        | 6.0W                                                                                                |
| Operating Temperature    | 0° ~ 50° C                                                                                          |
| Humidity                 | 0% ~ 90% RH                                                                                         |
| External Dimension       | 70(W) X 70(H) X 155(D)mm                                                                            |
| IR LED Illuminated Angle | 80°                                                                                                 |