

## Day/Night Megapixel IR Bullet IP Camera NVIP-2DN3001H/IR-2P



### Full HD

#### Features

- Mechanical IR cut filter
- IR operation capability
- Imager resolution: 2.0 megapixels
- Min. Illumination: from 0.02 lx/F=1.2 (0 lx - IR On)
- Wide Dynamic Range (WDR)
- Digital Slow Shutter (DSS)
- Digital Noise reduction (DNR)
- Auto iris DC lens: f=3 ~ 9 mm
- Built-in IR LED - 23 pcs.
- Privacy zones: 5
- 1 alarm input and output
- Built-in webserver: video and audio compression and real-time network transmission
- Compression: H.264, M-JPEG
- Video processing resolution:
  - 1920 x 1080 (FullHD),
  - 1280 x 1024 (SXGA),
  - 1280 x 720 (HD),
  - 1024 x 768 (XGA),
  - 800 x 600 (SVGA),
  - 720 x 576 (D1),
  - 640 x 480 (VGA),
  - 352 x 288 (CIF)
- Dual streaming: compression, resolution, speed and quality defined individually for all video streams
- RTP/RTSP protocol support for video transmission
- Network connection control and IP address check function
- Pre- & post-alarm functions - video recording in AVI format
- Schedule recording function
- Hardware motion detection
- Bidirectional audio transmission
- Micro SD/SDHC card support
- Diverse definition of system reactions to alarm events: e-mail with attachment, saving file on FTP server, alarm output trigger, saving file on micro SD/SDHC card, HTTP notification
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote IP devices administration
- IP 66
- Mounting bracket and sunshield included
- Power supply: 12 VDC/24 VAC/PoE (Power over Ethernet)

| Specifications    | Description  |
|-------------------|--|
| Pick-up Element   | 1/2.7" CMOS imager (16:9 format), progressive scan |
| Imager Resolution | 2.0 megapixels                                     |

| Specifications                             | Description   |
|--|---|
| Min. Illumination                          | 0.2 lx/F=1.2 – color mode,<br>0.02 lx/F=1.2 – B/W mode,<br>0 lx (IR On)   |
| S/N Ratio                                  | More than 50 dB (AGC Off)   |
| Wide Dynamic Range (WDR)                   | Lo/Mid/Hi/Off   |
| Electronic Shutter                         | Auto/Manual (1/1.5 ~ 1/10 000 s)  |
| Digital Slow Shutter (DSS)                 | 1/25 ~ 1 s  |
| White Balance                              | Auto/ATW/Manual (RGB)   |
| Back Light Compensation (BLC)              | On/Off  |
| Privacy Zones                              | 5   |
| Synchronization                            | Internal  |
| Day/Night Switching                        | Auto/Manual/Light Sensor  |
| Lens type                                  | Auto Iris DC : f=3 ~ 9 mm, F=1.2  |
| Angle of View (H)                          | 104° ~ 35°  |
| IR LED                                     | LED – 23 pcs.   |
| IR Effective Range                         | Up to 30 m  |
| Degree of protection                       | IP 66   |
| Image Functions                            | DNR – Digital Noise Reduction   |
| Video Compression                          | H.264/M-JPEG  |
| Audio Input                                | 1 x Jack  |
| Audio Output                               | 1 x Jack  |
| Audio Compression                          | G.711/G.726   |
| Resolution                                 | 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, 800 x 600,<br>720 x 576, 640 x 480, 352 x 288                     |
| Alarm Input                                | 1 (NO/NC)   |
| Alarm Output                               | 1, electronic relay galvanically isolated, 0.1 A, 30 VAC/VDC  |
| System Reaction to Alarm Events            | E-mail with attachment, saving file on FTP, saving file to SD/SDHC card, alarm output activation, HTTP notification |
| Pre- & Post-alarm Functions                | Max. 3 s pre-alarm or 20 pictures and max. 9999 s post-alarm recording or 20 pictures                               |
| Frame Rate                                 | Up to 25 fps for 1920 x 1080 and lower resolution   |
| Image Saving Files                         | AVI (SD card), JPEG (FTP)   |
| Video streaming                            | 2 streams   |
| Number of Simultaneous Network Connections | Max. 10   |
| External Ports                             | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s,<br>1 x micro SD/SDHC   |
| Motion Detection                           | Hardware  |
| Time Synchronization                       | Automatic time synchronization with NTP server  |
| Network Protocols Support                  | HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS,<br>NTP, RTSP, RTP, UPnP, SNMP, QoS                   |
| Software                                   | NMS   |
| User Authorization                         | Password protected camera access and its configuration,<br>HTTPS, IP filtering, IEEE 802.1X                         |
| Power Supply                               | 12 VDC/24 VAC/PoE (IEEE 802.3af)  |
| Power Consumption                          | 5 W (IR Off ),<br>8 W (IR On)   |
| Operating Temperature                      | -10°C ~ 50°C  |
| Dimensions (mm)                            | 88 (Ø) x 270 (L)  |
| Weight                                     | 1000 g  |