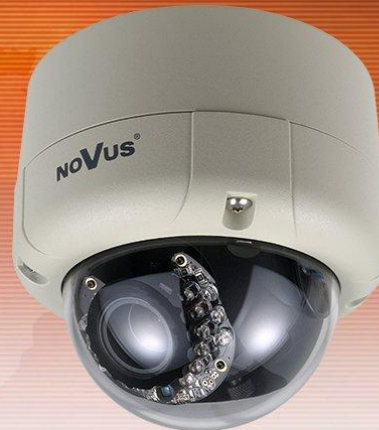


## Day/Night Megapixel IR Vandal Proof IP Camera NVIP-TDN4401V/IR/MPX2.0



### Features

- Mechanical IR cut filter
- IR operation capability
- Imager resolution: 2.0 megapixels
- Min. Illumination: 0 lx (IR On)
- Aspherical auto iris DC lens:  $f=2.7 \sim 9$  mm
- 3-axis camera module adjustment
- Built-in IR LED - 18 pcs.
- Privacy zones: 3
- 1 alarm input and output
- Built-in webserver: video and audio compression and real-time network transmission
- Compression: H.264, MPEG-4 or M-JPEG
- Video processing resolution:
  - 1600 x 1200 (UXGA)
  - 1280 x 1024 (SXGA)
  - 1280 x 960
  - 1280 x 720 (HD 720)
  - 800 x 592 (SVGA)
  - 640 x 480 (VGA)
  - 320 x 240 (QVGA)
  - 176 x 144 (QCIF)
- Triple streaming: compression, resolution, speed and quality defined individually for two 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
- Mobile devices support - 3GPP stream
- 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 SD/SDHC card
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote IP devices administration
- IP 66
- Vandal proof housing
- PoE (Power over Ethernet) support
- Power supply: 12 VDC (230 VAC/12 VDC PSU in-set included)

### Specifications

### Description

|                 |                  |
|-----------------|------------------|
| Pick-up Element | 1/3" CMOS imager |
|-----------------|------------------|

| Specifications                             | Description  |
|--|--|
| Imager Resolution                          | 2.0 megapixels   |
| Min. Illumination                          | 0 lx (IR On)   |
| Electronic Shutter                         | Auto   |
| Digital Slow Shutter (DSS)                 | 0.03 ~ 0.2 s   |
| White Balance                              | Auto   |
| Back Light Compensation (BLC)              | On/Off   |
| Privacy Zones                              | 3  |
| Day/Night Switching                        | Auto   |
| Lens type                                  | Aspherical auto iris DC: f=2.7 ~ 9 mm  |
| Angle of View (H)                          | 83° ~ 26.2°  |
| IR LED                                     | LED - 18 pcs.  |
| IR Effective Range                         | Up to 15 m   |
| Enclosure                                  | Vandal proof   |
| Degree of protection                       | IP 66  |
| Image Functions                            | Mirror and 180° image rotation   |
| Video Output                               | 1.0 Vp-p/75 Ohm (BNC)  |
| Image Settings                             | Brightness, contrast, sharpness  |
| Video Compression                          | H.264/MPEG-4/M-JPEG  |
| Audio Input                                | 1 x RCA  |
| Audio Output                               | 1 x RCA  |
| Audio Compression                          | μ-LAW  |
| Resolution                                 | 1600 x 1200 (UXGA), 1280 x 1024 (SXGA), 1280 x 960, 1280 x 720 (HD 720), 800 x 592 (SVGA), 640 x 480 (VGA), 320 x 240 (QVGA), 176 x 144 (QCIF) |
| Alarm Input                                | 1  |
| Alarm Output                               | 1 relay output (NO/NC) - max. 1 A, 24 VDC or 0.5 A, 125 VAC  |
| System Reaction to Alarm Events            | Sending TXT, JPEG or AVI file, triggered by motion detection or alarm input activation   |
| Pre- & Post-alarm Functions                | Max. 10 s pre-alarm and max. 15 s post-alarm recording with adjustment possibility   |
| Full Screen View                           | Yes  |
| Image Saving Files                         | AVI, JPEG sequence, JPEG   |
| Video streaming                            | 3 streams  |
| Frame Rate                                 | Up to 15 fps for 1600 x 1200, Up to 22 fps for 1280 x 1024*, Up to 25 fps for 1280 x 960*, 1280 x 720*, 800 x 592 and lower resolutions        |
| Event History Log                          | Up to 250 events for each group (Alarm, Motion detection, System logs)   |
| Number of Simultaneous Network Connections | Max. 10  |
| External Ports                             | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s, 1 x SD/SDHC   |
| Motion Detection                           | Hardware   |
| Time Synchronization                       | Automatic time synchronization with NTP server   |
| Network Protocols Support                  | HTTP, FTP, NTP, DDNS, DHCP, UDP, TCP/IP, RTP, RTSP, 3GPP, UPnP   |
| Software                                   | NMS  |
| User Authorization                         | Password protected camera access and its configuration   |
| PoE  | Yes  |
| Power Supply                               | 12 VDC (230 VAC/12 VDC PSU in-set included)  |
| Power Consumption                          | 5,5 W (IR Off )/8W (IR On)   |
| Operating Temperature                      | -10°C ~ 45°C   |
| Dimensions (mm)                            | 132 (h) x 141 (Ø)  |
| Weight                                     | 1220 g   |
| *  | Frame rate available for a specific camera configuration (details in the user's manual)  |