NOVUS®

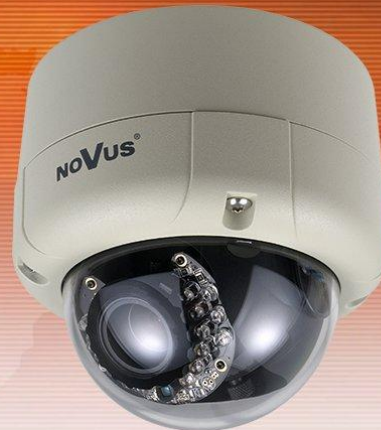Professional solution for your security systems

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 ~ 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 - E-mail	Sending TXT, JPEG or AVI file, triggered by motion detection or alarm input activation
System Reaction to Alarm Events - FTP	Saving TXT, JPEG or AVI file on FTP server, triggered by motion detection or alarm input activation
System Reaction to Alarm Events - SD/SDHC	Saving TXT, JPEG or AVI file on SD/SDHC card, triggered by motion detection, alarm input activation or network disconnection
System Reaction to Alarm Events - Alarm Output	On/Off/Pulse, 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)