# **NOVUS**

## 4 MPX IP Camera with video content analysis based on **Deep Learning**

NVIP-4VE-6501/F-II





#### FUNCTIONS























## **KEY FEATURES**

- •Resolution: 4 MPX
- •Lens: fixed focal, f=2.8 mm/F1.6
- •built-in microphone •D/N function IR cut filter
- •Video content analysis based on Deep
- Learning
  •microSD card support
  •IR LED, range up to 30 m

### DIMENSIONS



95 mm (Ø)



The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

Image Sensor Image	
Number of Effective Pixels         2688 (H) x 1520 (V)           Min. Illumination         0.003 MFT.6 - color mode.           Digital Slow Shutter (DSS)         autor. 12 s – 17,00000 s           Upital Slow Shutter (DSS)         up to 12 s –           Wide Dynamic Range (WDR)         yes (double scan sensor), 1200B           Digital Noise Reduction (DNR)         20, 30           Defog Function (F-DNR)         yes           Highlight Compensation (RLC)         yes           Reduction of Image flicker (Antiflicker)         yes           Lens         Type           DORI         fixed focal, f=2.8 mm/FL6           DORI         DORI           DORI         Type           DORI (Detection, Observation, Recognition, Identification)         for f = 2.8 mm - D. 60.69m, 0: 24.28m, R: 12.14m, It-6.07m           Day/Night         wes           Switching Delay         2 - 12.0 s           Switching Schedule         yes           Visible Light Sensor         yes           Network         Yes           Network         10 [ps for	
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Wide Dynamic Range (WDR)  Digital Noise Reduction (DNR)  20, 3D  Defog function (F-DNR)  Highlight Compensation (HLC)  Back Light Compensation (BLC)  Yes  Reduction of Image flicker (Antiflicker)  Lens  Lens Type  Theed focal, f=2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  DORI (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Recognition, Identification)  Tor f = 2.8 mm/F1.6  Dori (Detection, Observation, Reco	
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Lens Type fixed focal, f=2.8 mm/F1.6  DORI  DORI (Detection, Observation, Recognition, Identification) for f = 2.8 mm - D: 60.69m, 0: 24.28m, R: 12.14m, I: 6.07m  Day/Night Mode day/night switching: mechanical IR cut filter  Switching Mode auto, manual, time yes  Switching Level Adjustment yes  Switching Schedule yes  Switching Schedule yes  Switching Schedule yes  Switching Schedule yes  Stream Resolution 2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 108 320 x 240 (QVGA), 480 x 240  Stream Resolution 30 ps for, 60 ps for and lower resolutions  Multistreaming Mode number of Streams 30 ps for, 60 ps for and lower resolutions  Multistreaming Mode number of Simultaneous Connections max 10  Bandwidth 50 Mbs; in total Pire, Pir	
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Image Processing  180* image rotation, sharpening, mirror effect, corridor mod correction	
image rocessing correction	
	dor mode, vertical flip, horizontal flip, lens distortion
Prealarm/Postalarm up to 6 s/up to 120 s	
System Reaction to Alarm Events e-mail, e-mail with attachment, saving file on FTP server, sa	rver, saving file on SD card
Custom Popotion to Alarm Functor	nor caving file on CD card

via web browser, using reset button, via NMS IPTool software

ves (software support) 1 x Jack (3.5 mm)/-built-in microphone

94 (Ф) x 83 (H)

1 x Ethernet - RJ-45 interface, 10/100 Mbit/s

IP 67 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white enclosure type: 6VE-S

microSD - capacity up to 256GB

83 mm

IR LED LED Numbe Smart IR

Audio Input/Output Network Interface

Memory Card Slot

Degree of Protection

Installation parameters

Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	4 W, 7 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)

ne camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with \*F\* in the name). Video metadata - video analysis function available on cameras with fiftware version newer or equal to \$5.1.2(42545).