

Vandal Proof IP Camera with Fisheye Lens NVIP-6F-6501



## **KEY FEATURES**



IP67

Resolution: 6 MPX
Lens: fisheye, f=1.65 mm/F2.0
active ambient noise cancellation
D/N function - IR cut filter
Video content analysis based on Deep Learning
microSD card support
WDR with double scan sensor
two-way audio
Min. Illumination from 0.01 lx (0 lx, IR on)
IR LED, range up to 20 m

COMPATIBILITY



## DIMENSIONS



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.

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## IMAGE

| IMAGE                                       |  |
|---|--|
| Image Sensor                                | 6 MPX CMOS sensor 1/2.5" SmartSens   |
| Min. Illumination                           | 0.01 lx/F2.0 - color mode • 0 lx (IR on) - B/W mode  |
| S/N Ratio                                   | > 50 dB (AGC off)  |
| Electronic Shutter                          | auto: 1/3 s ~ 1/100000 s   |
| Digital Slow Shutter (DSS)                  | up to 1/3 s  |
| Wide Dynamic Range (WDR)                    | yes 120dB  |
| Digital Noise Reduction (DNR)               | 3D   |
| Defog Function (F-DNR)                      | yes  |
| Highlight Compensation (HLC)                | yes  |
| Back Light Compensation (BLC)               | yes  |
| Reduction of image flicker<br>(Antiflicker) | yes  |
| LENS  |  |
| Lens Type                                   | fisheye, f=1.65 mm/F2.0  |
| DAY/NIGHT                                   |  |
| Switching Type                              | mechanical IR cut filter   |
| Switching Mode                              | auto, manual, time   |
| Switching Level Adjustment                  | yes  |
| Switching Delay                             | 2 ~ 6000 s   |
| Visible Light Sensor                        | yes  |
| NETWORK                                     |  |
| Stream Resolution                           | 3200 x 1800 (QHD+), 1920 x 1080 (Full HD), 2160 x 2160, 1440 x 1440, 1280 x 720 (HD), 960 x 960, 480 x 480   |
| Frame Rate                                  | 30 fps for the following resolutions: 3200 x 1800 (QHD+), 1920 x 1080 (Full HD) • 15 fps for other resolutions • depending on the selected display mode (view), the number of available resolutions and/or frame rate for a given resolution may vary. For a detailed list, please refer to the user manual. |
| Multistreaming Mode                         | 2 streams (main stream, sub stream)  |
| Video/Audio Compression                     | H.264, H.264+, H.265, H.265+, MJPEG/G.711  |
| Number of Simultaneous Connecti             | onsmax. 10 connections, (max. 20 streams in total)   |
| Bandwidth                                   | 70 Mb/s in total   |





## Vandal Proof IP Camera with Fisheye Lens NVIP-6F-6501

| Network Protocols Support   | HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, NTP,<br>RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P,<br>HTML5, RTMP   |
|---|--|
| Camera Configuration  | from Edge, Firefox, Chrome, Opera, Safari browser • languages:<br>Polish, English, and others  |
| Compatible Software   | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000  |
| Mobile applications   | N-VID6 (iPhone, Android)   |
| OTHER FUNCTIONS   |  |
| Privacy Zones   | 4 video mask type: single color  |
| Motion Detection  | yes  |
| Region of interest (ROI)  | 8  |
| Video Content Analysis (VCA)  | line cross, zone entrance, zone exit, object counting, multi loiter, heat map, intrusion detection • image analysis functions are available when the "Ceiling" option is selected in the "Installation Method" menu  |
| Image Processing  | "fisheye" view, panoramic view, "fisheye" view + 3 PTZ views,<br>panoramic view + 3 PTZ views, 4 PTZ views, 180° image rotation,<br>sharpening, mirror effect  |
| Prealarm/Postalarm  | up to 6 s/up to 120 s  |
| System Reaction to Alarm Events   | e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation   |
| Restoring default settings  | via web browser, using reset button, via NMS IPTool software   |
| IR LED  |  |
| LED Number  | 4  |
| Range   | 20 m   |
| Smart IR  | yes (hardware support)   |
|   |  |
|   |  |
| INTERFACES  | PNC 10 Vp p 75 0 hm  |
| Video Output  | BNC, 1.0 Vp-p, 75 Ohm  |
| Video Output<br>Audio Input/Output  | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones   |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output  | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485  | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes   |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface   | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485  | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes   |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface   | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot   | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot<br>INSTALLATION PARAMETERS  | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s<br>microSD - capacity up to 256GB  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot<br>INSTALLATION PARAMETERS<br>Dimensions (mm)   | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s<br>microSD - capacity up to 256GB<br>130 (Φ) x 46 (H)  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot<br><b>INSTALLATION PARAMETERS</b><br>Dimensions (mm)<br>Weight  | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s<br>microSD - capacity up to 256GB<br>130 (Φ) x 46 (H)<br>0.55 kg   |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot<br><b>INSTALLATION PARAMETERS</b><br>Dimensions (mm)<br>Weight<br>Degree of Protection                              | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones         1 (NO/NC)/1 relay type (max. 12VDC/300mA)         yes         1 x Ethernet - RJ-45 interface, 10/100 Mbit/s         microSD - capacity up to 256GB         130 (Φ) x 46 (H)         0.55 kg         IP 67 (details in the user's manual)  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot<br>INSTALLATION PARAMETERS<br>Dimensions (mm)<br>Weight<br>Degree of Protection<br>Enclosure                        | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones1 (NO/NC)/1 relay type (max. 12VDC/300mA)yes1 x Ethernet - RJ-45 interface, 10/100 Mbit/smicroSD - capacity up to 256GB130 (Φ) x 46 (H)0.55 kgIP 67 (details in the user's manual)vandalproof IK10 impact rating aluminium, white  |
| Video Output<br>Audio Input/Output<br>Alarm Input/Output<br>RS-485<br>Network Interface<br>Memory Card Slot<br><b>INSTALLATION PARAMETERS</b><br>Dimensions (mm)<br>Weight<br>Degree of Protection<br>Enclosure<br>Power Supply | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in two microphones<br>1 (NO/NC)/1 relay type (max. 12VDC/300mA)<br>yes<br>1 x Ethernet - RJ-45 interface, 10/100 Mbit/s<br>microSD - capacity up to 256GB<br>130 (Φ) x 46 (H)<br>0.55 kg<br>IP 67 (details in the user's manual)<br>vandalproof IK10 impact rating aluminium, white<br>12 VDC, PoE (IEEE 802.3af, Class 3) |

