

## 12 MPX Vandal Proof IP Camera with Fisheye Lens

**NVIP-12F-6501**



**6000** VSS  
IP

### KEY FEATURES



- Resolution: 12 MPX
- Sensor resolution: 12 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
- two-way audio
- Min. Illumination from 0.01 lx (0 lx, IR on)
- IR LED, range up to 20 m

### COMPLIANCE



### 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.

### IMAGE

Image Sensor	12 MPX CMOS sensor 1/1.7" SONY STARVIS
Number of Effective Pixels	4072 (H) x 3046 (V)
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
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

### LENS

Lens Type	fisheye, f=1.65 mm/F2.0
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### DAY/NIGHT

Mode	day/night switching: 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	4000 x 3000, 3840 x 2160 (4K Ultra HD), 3000 x 3000, 1920 x 1920, 2160 x 2160, 1440 x 1440, 1280 x 720 (HD), 960 x 960, 480 x 480
Frame Rate	25 fps for other resolutions
Multistreaming Mode	number of streams: 2 (main stream, sub stream)
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 10 connections, (max. 20 streams in total)
Bandwidth	90 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP

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## NVIP-12F-6501

Camera Configuration	from Edge, Firefox, Chrome, Opera browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	ipGO 6 (iPhone, Android)

### VIDEO ANALYTICS

Functions	line cross, zone entrance, zone exit, zone violation, object counting, multi loiter, heat map • the number and type of available image analysis functions vary depending on the camera installation method
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### OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	"fisheye" view, panoramic view, "fisheye" view + 3 PTZ views, panoramic view + 3 PTZ views, 4 PTZ views, 180° image rotation, 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

Video Output	BNC, 1.0 Vp-p, 75 Ohm
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in basic microphone and noise cancellation microphone
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB

### INSTALLATION PARAMETERS

Dimensions (mm)	130 (Φ) x 46 (H)
Weight	0.55 kg
Degree of Protection	IP 67 (details in the user's manual)
Enclosure	vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6F
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Power Consumption	5 W • 10 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)