

## Vandal Proof IP Camera with Fisheye Lens

### NVIP-12F-8501



8000 VSS IP

#### KEY FEATURES



- Resolution: 12 MPX
- Sensor resolution: 12 MPX
- Lens: fisheye, f=1.8 mm/F2.4
- built-in microphone
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- two-way audio
- Min. Illumination from 0.01 lx (0 lx, IR on)
- IR LED, range up to 15 m

#### DIMENSIONS



#### IMAGE

Image Sensor	12 MPX CMOS sensor 1/1.7" SONY Exmor R STARVIS
Number of Effective Pixels	4072 (H) x 3046 (V)
Min. Illumination	0.01 lx/F2.4 - color mode • 0 lx (IR on) - B/W mode
S/N Ratio	> 55 dB (AGC off)
Electronic Shutter	auto/manual: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes

#### LENS

Lens Type	fisheye, f=1.8 mm/F2.4
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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	0 ~ 180 s

#### NETWORK

Stream Resolution	4000 x 3000, 4000 x 2000, 3840 x 2160 (4K Ultra HD), 3000 x 3000, 3000 x 752, 2560 x 2560, 1920 x 1080 (Full HD), 1520 x 1520, 1280 x 960, 720 x 576 (D1), 720 x 720, 960 x 960, 640 x 640
Frame Rate	25 fps for each resolution
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.265, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 10
Bandwidth	60 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, DHCP, DNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, SMTP, RTCP, ICMP, SSL/TLS, HTML5
ONVIF Protocol Support	Profile G/S/T/M
Camera Configuration	from Edge, Firefox, Chrome, Opera browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS

#### VIDEO ANALYTICS

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Functions line cross, zone violation, double line cross, loiter, wrong direction, face detection, pedestrian detection, heat map, objects distinguishing, people counting, vehicle detection, smart motion detection with objects distinguishing • image analysis functions are available when single-channel operation mode and the "Fisheye" option are selected in the "Fisheye" menu

### OTHER FUNCTIONS

Security	IEEE 802.1X support, HTTPS support, IP and/or MAC address filtering, force change of default password
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Audio Detection	decline detection, rise detection
Image Processing	"fisheye" view, panoramic view, "fisheye" view + 3 PTZ views, 4 PTZ views
Prealarm/Postalarm	-/up to 86400 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message
Restoring default settings	via web browser, using reset button

### IR LED

LED Number	6
Range	15 m
Smart IR	yes (software support)

### INTERFACES

Audio Input/Output	1 x RCA/1 x RCA, • built-in microphone
Alarm Input/Output	1 (NO/NC)/1
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 1000GB

### INSTALLATION PARAMETERS

Dimensions (mm)	130 (Φ) x 38 (H)
Weight	0.5 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof, IK10 impact rating, aluminium, white • enclosure type: 8F2
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Power Consumption	4 W • 10 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 90%, relative (non-condensing)