NOVUS

Vandal-proof IP camera with white light and IR illuminators

NVIP-8VE-4501P/WLAD
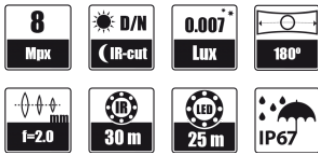
DOSTĘPNE WKRÓTCE! Coming soon!

4000 VSS IP

FUNCTIONS

INGENIUS PLUS · DUO light 24/7 · ACTIVE DETERRENCE · H·265+

8 Mpx · D/N (IR-cut) · 0.007 Lux · 180° · f=2.0 · 30 m · LED 25 m · IP67

The camera is dedicated to work with NOVUS 4000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

COMPATIBILITY

NDAA

KEY FEATURES

- Resolution: 8 MPX (4K Ultra HD)
- Lens: fixed focal, f=2.0 mm/F2.4
- active deterrence
- 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: 0.007 lx (0 lx, IR on)
- IR LED, range up to 25 m
- white LED illuminator, range up to 15 m
- "Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

DIMENSIONS

Image	
Image Sensor	8 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	0.007 lx/F1.0 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes (double scan sensor)
Digital Noise Reduction (DNR)	3D
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes
Lens	
Lens Type	fixed focal, f=2.0 mm/F2.4
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Network	
Stream Resolution	3840 x 2160 (4K Ultra HD), 3072 x 1728, 2592 x 1520, 2592 x 1944, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA)
Frame Rate	20 fps for 3840 x 2160 (UHD), 3072 x 1728, 2592 x 1944, 30 fps for 2592 x 1520 and lower resolutions
Multistreaming Mode	3 streams (main stream, sub stream, third stream)
Video/Audio Compression	H.264, H.264+, H.265, H.265+/G.711
Number of Simultaneous Connections	max. 3 connections, (max. 10 streams in total)
Bandwidth	40 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, SMTP, P2P, HTML5, RTMP
Camera Configuration	from Edge, Firefox, Chrome, Safari browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
Mobile applications	RxCamView (iPhone, Android)
Other functions	
Privacy Zones	6 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Audio Detection	yes
Video Content Analysis (VCA)	tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, zone violation, multi loiter, cross counting, heat map, queue length detection, objects distinguishing
Image Processing	180° image rotation, corridor mode, vertical flip, horizontal flip
Prealarm/Postalarm	up to 5 s/up to 30 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, push notification, active deterrent functions
Determent	white LEDs, steady/flashing light, red and blue LEDs, flashing light, audio signaling device (siren)
Restoring default settings	via web browser, using reset button
IR LED	
LED Number	2
Range	25 m
Smart IR	yes (hardware support)
White light illuminator	
LED Number	2, warm white color
Range	15 m
Smart Light	yes (hardware support)
Interfaces	
Audio Input/Output	built-in microphone/speaker
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB
Installation parameters	
Dimensions (mm)	116 (Φ) x 98 (H)
Weight	0.6 kg
Degree of Protection	IP 67 (details in the user's manual)
Enclosure	vandalproof aluminium, white
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	3 W, 5 W (IR illuminator on), 5 W (white light illuminator on), 7 W (active deterrence functions enabled)
Operating Temperature	-35°C ~ 60°C

98 mm

116 mm (Ø)

| Humidity | max. 95%, relative (non-condensing) |