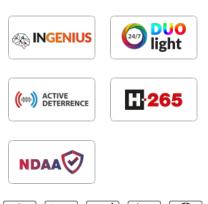


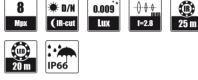
8 MPX IP camera with Deep Learning-based image analysis

NVIP-8VE-4231/WL



KEY FEATURES





•Resolution: 8 MPX (4K Ultra HD) •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

•Min. Illumination: 0.009 lx (0 lx, IR on)

•IR LED, range up to 25 m

camera's power socket

•white LED illuminator, range up to 20 m •"Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the

DIMENSIONS



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.

IMAGE	
Image Sensor	8 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	0.009 lx/F1.6 - 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
Digital Noise Reduction (DNR)	2D, 3D
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes
LENS	
Lens Type	fixed focal, f=2.8 mm/F1.6
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 74m, O: 30m, R: 15m, I: 7m
DAY/NIGHT	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Schedule	yes
NETWORK	
Stream Resolution	3840 x 2160 (4K Ultra HD), 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA)
Frame Rate	15 fps for each resolution
Multistreaming Mode	number of streams: 2 (main stream, sub stream)
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connection	onsmax. 4
Bitrate	for H.264 : 128 kbps - 6144 kbps • for H.265 : 128 kbps - 6144 kbps
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, DHCP, DNS, DDNS, NTP, RTSP, RTP, SMTP P2P







100 mm (Ø)



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VIDEO ANALYTICS		
Mobile applications	RxCamView (iPhone, Android)	
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS	
Camera Configuration	from Edge browser • languages: Polish, English, and others	

Functions

line cross, zone entrance, zone exit, zone violation, intrusion detection, smart motion detection with objects distinguishing

OTHER FUNCTIONS

HTTPS support, force change of default password
4 video mask type: single color
yes
yes
180° image rotation, vertical flip, horizontal flip
up to 5 s/up to 30 s
e-mail with attachment, saving file on SD card, active deterrent functions
white LEDs, steady/flashing light,
via web browser, using reset button
1
25 m
yes (hardware support)
2, warm white color
20 m
yes (hardware support)
built-in microphone
1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
microSD - capacity up to 256GB

INSTALLATION PARAMETERS

INSTALLATION FARABLE	ERS
Dimensions (mm)	100 (Φ) x 90 (H)
Weight	0.43 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof, aluminium, white • enclosure type: 4VE-S
Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)
Power Consumption	2 W • 3 W (IR illuminator on) • 4 W (white light illuminator on)
Operating Temperature	-35°C ~ 60°C
Humidity	max. 90%, relative (non-condensing)

AAT SYSTEMY BEZPIECZEŃSTWA sp. z o.o. hereby declares, that this NOVUS product does not contain any components or technologies manufactured by the entities mentioned in the Section 889 of the National Defense Authorization Act (NDAA) for Fiscal Year 2019

