

Vandal Proof IP Camera with Motor-zoom Lens

NVIP-5VE-4502M/F



KEY FEATURES



•Resolution: 5 MPX

+Lens: motorized, auto-focus function, f=2.7 \sim 13.5 mm/F1.8

•support for Chrome, Firefox, Opera, Safari browsers •D/N function - IR cut filter

•Video content analysis based on Deep Learning •Licence plate recognition (LPR)

•microSD card support

•WDR with double scan sensor

•two-way audio

•Min. Illumination: 0.03 Ix (0 Ix, IR on)

•IR LED, range up to 45 m

•"Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

COMPLIANCE



DIMENSIONS

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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		
Image Sensor	5 MPX CMOS sensor 1/2.7" OmniVision	
Number of Effective Pixels	2592 (H) x 1944 (V)	
Min. Illumination	0.03 lx/F1.2 - 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), 120dB	
Digital Noise Reduction (DNR)	2D, 3D	
Defog Function (F-DNR)	yes	
Highlight Compensation (HLC)	yes	
Back Light Compensation (BLC)	yes	
Reduction of image flicker (Antiflicker)	yes	
LENS		
Lens Type	motorized, f=2.7 ~ 13.5 mm/F1.8	
Auto-focus	zoom trigger, manual trigger	
DORI		
DORI (Detection, Observation, Recognition, Identification)	for f = 2.7mm - D: 56m, O: 22.4m, R: 11m, I: 5.6m • for f = 13.7mm - D: 240m, O: 96m, R: 48m, I: 24m	
DAY/NIGHT		
Mode	day/night switching: mechanical IR cut filter	
Switching Mode	auto, manual, time	
Switching Delay	1 ~ 36 s	
Visible Light Sensor	yes	
NETWORK		
Stream Resolution	2592 x 1520, 2592 x 1944, 2304 x 1296, 1920 x 1080 (Full HD), 2048 x 1536 (QXGA), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)	
Frame Rate	30 fps for each resolution	
Multistreaming Mode	number of streams: 3	
Video/Audio Compression	H.264, H.264+, H.265, H.265+/G.711	
Number of Simultaneous Connecti	onsmax 10	









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Bandwidth	60 Mb/s in total	
Network Protocols Support		
	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, SMTP, P2P, HTML5	
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, Russian, and others	
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC	
Mobile applications	RxCamView (iPhone, Android)	
VIDEO ANALYTICS		
Functions	abandoned object, object disappearance, line cross, zone entrance, zone exit, zone violation, multi loiter, pedestrian detection, cross counting, heat map, queue length detection, objects distinguishing, face recognition, vehicle detection, comparing faces, intrusion detection, smart motion detection with objects distinguishing	
OTHER FUNCTIONS		
Privacy Zones	4 video mask type: single color	
Motion Detection	yes	
Audio Detection	yes	
Image Processing	180° image rotation, 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, alarm output activation, saving in the cloud storage	
Restoring default settings	via web browser, using reset button	
LICENCE PLATE RECOGNITION	I (LPR)	
Autonomous operation mode	yes - recognition function implemented in the camera	
Capacity of License Plate Database	up to 10000 license plates, on all lists.	
Types of recognized number plates	all countries of the European Union	
Barrier control	yes - built-in relay output	
Data recorded in the camera base	recognition date/time, number of recognised licence plate, image of recognised licence plate, presence on the "white list" or "black list"	
Reactions for the licence plate recognition	e-mail with attachment, saving file on FTP server, alarm output activation	
IR LED		
LED Number	4	
Range	45 m	
Smart IR	yes (hardware support)	
INTERFACES		
Audio Input/Output	1 x RCA/1 x RCA	
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)	135 (Ф) х 128 (Н)	
Weight	0.9 kg	
Degree of Protection	IP 66 (details in the user's manual)	
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Enclosure	vandalproof, aluminium, white • enclosure type: 4VE-B
Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)
Surge protection	TVS 4000 V
Power Consumption	3 W • 6 W (IR illuminator on)
Operating Temperature	-30°C ~ 55°C
Humidity	max. 95%, relative (non-condensing)

A memory card is required for the face recognition function and license plate recognition functions to work. The license plate recognition function is available for cameras with firmware V21.45.8.2.3_xxxx

