

Vandal Proof IP Camera with Motor-zoom Lens

Image

NVIP-5VE-4502M

4000 VSS

FUNCTIONS



COMPLIANCE



KEY FEATURES

Resolution: 5 MPX
Lens: motorized, auto-focus function, f=2.8 ~ 12 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 lx (0 lx, 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

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	5 MPX CMOS sensor 1/2.7" SmartSens
н III	Number of Effective Pixels	2880 (H) x 1620 (V)
		0.03 lx/F1.2 - color mode,
	Min. Illumination	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)	ves
	Highlight Compensation (HLC)	
		yes
	Back Light Compensation (BLC)	yes
	Reduction of image flicker (Antiflicker)	yes
	Lens	
	Lens Type	motorized, f=2.8 ~ 12 mm/F1.8
	Auto-focus	zoom trigger, manual trigger
	DORI	
		for 6 - 2 form - D. F.Cov. O. 22 for D. 11m - 1 F.Cov.
	DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 56m, O: 22.4m, R: 11m, I: 5.6m for f = 12mm - 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	
		2880 x 1620, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 2048 x 1536 (QXGA), 1280 x 720
	Stream Resolution	(HD), 640 x 480 (VGA), 320 x 240 (QVGA)
	Frame Rate	30 fps for each resolution
	Multistreaming Mode	number of streams: 3
2.8	Video/Audio Compression	H.264, H.264+, H.265, H.265+/G.711
	Number of Simultaneous Connections	max. 10
ri	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)
		Activities (in none, Android)
	Video Analytics	
	Functions	abandoned object, object disappearance, line cross, zone entrance, zone exit, zone violation, multi loiter, face detection, pedestrian detection, cross counting, heat map, queue length detection, objects distinguishing, vehicle detection, intrusion detection, smart motion detection with objects distinguishing
	Other functions	
PoE	Other functions	A video mode tuno, single color
PoE	Privacy Zones	4 video mask type: single color
	Privacy Zones Motion Detection	yes
	Privacy Zones Motion Detection Audio Detection	yes yes
	Privacy Zones Motion Detection	yes yes 180° image rotation, vertical flip, horizontal flip
	Privacy Zones Motion Detection Audio Detection	yes yes
	Privacy Zones Motion Detection Audio Detection Image Processing	yes yes 180° image rotation, vertical flip, horizontal flip
	Privacy Zones Motion Detection Audio Detection Image Processing Prealarm/Postalarm	yes yes 180° image rotation, vertical flip, horizontal flip up to 5 s/up to 30 s
	Privacy Zones Motion Detection Audio Detection Image Processing Prealami/Postalarm System Reaction to Alarm Events	yes yes 180° image rotation, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage
	Privacy Zones Motion Detection Audio Detection Image Processing Prealam/Postalarm System Reaction to Alarm Events Restorling default settings Licence plate recognition (LPR)	yes yes 180° image rotation, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage via web browser, using reset button
	Privacy Zones Motion Detection Audio Detection Image Processing Prealarm/Postalarm Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings Licence plate recognition (LPR) Autonomous operation mode	yes yes 180° image rotation, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage via web browser, using reset button yes - recognition function implemented in the camera
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	Privacy Zones Motion Detection Audio Detection Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings Licence plate recognition (LPR) Autonomous operation mode Capacity of License Plate Database Types of recognized number plates Data recorded in the camera base Reactions for the licence plate recognition LED Number Range	yes yes la0' image rotation, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving flie on FTP server, saving flie on SD card, saving in the cloud storage via web browser, using reset button yes - recognition function implemented in the camera up to 10000 license plates, on all lists. all countries of the European Union recognition date/time, number of recognised licence plate, image of recognised licence plate, presence on the "white list" or "black list" e-mail with attachment, saving flie on FTP server 4 45 m
	Privacy Zones Motion Detection Audio Detection Audio Detection Image Processing Prealam/Postalarm System Reaction to Alarm Events Restoring default settings Licence plate recognition (LPR) Autonomous operation mode Capacity of License Plate Database Types of recognized number plates Data recorded in the camera base Reactions for the licence plate recognition LED LED Number Range Smart IR Interfaces	yes yes 180° image rotation, vertical flip, horizontal flip 180° isy of the task of the task of the task of the task of tas
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	Privacy Zones Motion Detection Audio Detection Inage Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings Licence plate recognition (LPR) Autonomos operation mode Capacity of License Plate Database Types of recognized number plates Data recorded in the camera base Restorins for the licence plate recognition ELED Number Range Smart IR Lutoin Jout/Output Network Interface Memory Card Slot	yes yes la0' image rotation, vertical flip, horizontal flip up to 5 s/up to 30 s wina with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage via web browser, using reset button yes - recognition function implemented in the camera up to 10000 license plates, on all lists. all countries of the European Union recognition date/time, number of recognised licence plate, image of recognised licence plate, presence on the white list' or "black list" e
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PoE t	Privacy Zones Motion Detection Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Reatoring default settings Leance plate recognition (LPR) Autonomous operation mode Capacity of License Plate Database Types of recognized number plates Data recorded in the camera base Reations for the licence plate recognition H ED LED Number Range Smart IR Hardraces Audio Input/Utput/ Network Interface Memory Card Stot Ibliention parameters Dimensions (mm) Weight	yes yes 180° image rotation, vertical flip, horizontal flip to to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage via web browser, using reset button yes - recognition function implemented in the camera up to 10000 license plates, on all lists. all countries of the European Union recognition darktime, number or recognised licence plate, image of recognised licence plate, presence on recognition darktime, number or recognised licence plate, image of recognised licence plate, presence on recognition darktime, number or recognised licence plate, image of recognised licence plate, presence on recognition darktime, number of recognised licence plate, may of recognised licence plate, presence on recognition darktime, number of recognised licence plate, image of recognised licence plate, presence on recognition darktime, number of recognised licence plate, image of recognised licence plate, presence on recognition darktime, number of recognised licence plate, presence on recognised licence plate, presence on recogn
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128 mm	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 license plate recognition function to work. License plate recognition and	face detection functions are available for cameras with firmware V31.35.8.2.3_xxxx and newer.

135 mm (Ø)

