NoVus

4 MPX IP Camera with video content analysis based on **Deep Learning**

NVIP-4VE-6502M/F-II

VSS/ 6000 IP

FUNCTIONS



 KEY FEATURES Resolution: 4 MPX Lens: motorized, auto-focus function, f=2.8 12 mm/F0 built-in microphone D/N function - IR cut filter Video content analysis based on Deep Learning microSD card support Min. Illumination: 0.003 lx (0 lx, IR on) IR LED, range up to 50 m DIMENSIONS 	Day/Night
	Mode
	Switching Mode
	Switching Level Adjustment
	Switching Delay
	Switching Schedule
	Visible Light Sensor
	Network
	Stream Resolution
	Multistreaming Mode
	Video/Audio Compression
	Number of Simultaneous Connections
	Bandwidth
	Network Protocols Support
	Camera Configuration
-	Compatible Software
	Mobile applications
	Video Analytics
	Functions
	Other functions
	Privacy Zones
	Motion Detection
	Region of interest (ROI)
	Image Processing
	Prealarm/Postalarm
	System Reaction to Alarm Events
	Restoring default settings
	IR LED
	LED Number
	Range
	Smart IR
	Interfaces
	Audio Input/Output
	Network Interface
	Memory Card Slot
	Installation parameters
	Dimensions (mm)
	Weight Degree of Protection

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The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

Image	
Image Sensor	4 MPX CMOS sensor 1/3" SmartSens
Number of Effective Pixels	2688 (H) × 1520 (V)
Min. Illumination	0.003 lx/F1.3 - color mode,
	0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1/2 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/2 s
Wide Dynamic Range (WDR)	yes 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=2.8 ~ 12 mm/F1.3
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 58.91m, O: 23.56m, R: 11.78m, I: 5.89m for f = 12mm - D: 205.99m, O: 82.40m, R: 41.20m, I: 20.60m
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Switching Schedule	ves
Visible Light Sensor	yes
Network	2 ···
Stream Resolution	2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA),
	320 x 240 (QVGA), 480 x 240
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 10
Bandwidth	50 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP
Camera Configuration	from Internet Explorer, Chrome, Opera, Safari browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)
Video Analytics	
Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection ⁴ , detection of people not weaning masks, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, video metadata
Functions Other functions	detection*, detection of people not wearing masks, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion
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Other functions Privacy Zones	detection", detection of people not wearing masks, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, video metadata 4 video mask type: single color or 4 video mask type: mosaic
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Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Intealines Dimensions (mm)	detection", detection of people not wearing masks, pedestrian detection, cross counting, heat map, scene change, video interadata 4 video mask type: single color or 4 video mask type: mosaic yes 8 100° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 slup to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software 3 5 o m yes (software support) 1 x Jack (3.5 mm)/- built-in microphone 1 x Ethernet - Ry-45 interface, 10/100 Mbit/s microSD - capacity up to 256G8 112 (Φ) x 100 (H)
Other functions Privacy Zones Motion Detection Region of Interest (ROU) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings RED LED Number Range Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm) Weight	detection", detection of people not wearing masks, pedestrian detection, cross counting, heat map, scene change, video biured, video cor cast, objects distinguishing, people counting, whicle counting, intrusion detection, video metadata 4 video mask type: single color or 4 video mask type: mosaic yes 8 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software 3 50 m yes (software support) uitlein microphone 1 x Jack (3.5 mm)/- built-in microphone 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s micro50 - capacity up to 256GB
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