4 MPX Vandal Proof IP Camera with video content analysis and active deterrence

NVIP-4VE-6202M/WLAD-II



KEY FEATURES

- Resolution: 4 MPX
- Lens: motorized, auto-focus function, f=2.8 ~ 12 mm/F1.4
- built-in microphone
- 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: 0.004 lx (0 lx, IR on)
- IR LED, range up to 40 m
- white LED illuminator, range up to 40 m

COMPLIANCE

DIMENSIONS

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” OmniVision
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.004 lx/F1.4 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes 120dB
Digital Noise Reduction (DNR)	3D
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	motorized, f=2.8 ~ 12 mm/F1.4
Auto-focus	zoom trigger, manual trigger

DORI

DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 64m, O: 26m, R: 13m, I: 6m • for f = 12mm - D: 189m, O: 75m, R: 38m, I: 19m

DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s

NETWORK

Stream Resolution	2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 480, 640 x 480 (VGA), 352 x 240, 480 x 240
Frame Rate	30 fps for each resolution
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. 4
Bitrate	for H.264 : 128 kbps - 6144 kbps • for H.265 : 64 kbps - 5120 kbps

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Network Protocols Support	HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP, HTTP POST
Camera Configuration	from Edge, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000

VIDEO ANALYTICS

Functions	tamper, abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, smart motion detection with objects distinguishing

OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, IP and/or MAC address filtering, force change of default password, authorization Token for HTTP
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	90˚ image rotation, 180˚ image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card, playback of the audio message, active deterrent functions
Determent	red and blue LEDs, flashing light, • built-in speaker (predefined or custom voice messages)
Restoring default settings	via web browser, using reset button, via NMS IPTool software, via IP Tool 6000 software

IR LED

LED Number	1
Range	40 m
Smart IR	yes (software support)

WHITE LIGHT ILLUMINATOR

LED Number	1, warm white color
Range	40 m
Smart Light	yes (software support)

INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • 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)	112 (Φ) x 100 (H)
Weight	0.7 kg
Degree of Protection	IP 66 (details in the user's manual)

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Enclosure	vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6VE-M
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	5 W • 10 W (IR illuminator on) • 9 W (white light illuminator on) • 7 W (active deterrence functions enabled) • 12 W (IR illuminator and active deterrence functions enabled)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)