

6 MPX Vandal Proof IP Camera NVIP-6VE-6501/F



KEY FEATURES





•Lens: Txed Tocal, T=2.8 mm/F1.6 •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: 0.008 lx (0 lx, IR on) •IR LED, range up to 30 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.

All camera stream resolutions are supported by NVRs with firmware version 1.4.10 or higher.

Image Sensor	6 MPX CMOS sensor 1/2.5" SmartSens
Min. Illumination	0.008 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/4 s ~ 1/100000 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
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: 71m, O: 28m, R: 14m, I: 7m
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT	
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode	day/night switching: mechanical IR cut filter
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode	day/night switching: mechanical IR cut filter auto, manual, time
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment	day/night switching: mechanical IR cut filter auto, manual, time yes
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment	day/night switching: mechanical IR cut filter auto, manual, time yes
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Visible Light Sensor	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 3296 x 1856, 3200 x 1800 (QHD+), 2880 x 1624, 2688 x 1520, 1920
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Visible Light Sensor NETWORK	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 3296 x 1856, 3200 x 1800 (QHD+), 2880 x 1624, 2688 x 1520, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Visible Light Sensor NETWORK Stream Resolution Frame Rate	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 3296 x 1856, 3200 x 1800 (QHD+), 2880 x 1624, 2688 x 1520, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Visible Light Sensor NETWORK Stream Resolution Frame Rate Multistreaming Mode	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 3296 x 1856, 3200 x 1800 (QHD+), 2880 x 1624, 2688 x 1520, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240 30 fps for each resolution
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Visible Light Sensor NETWORK Stream Resolution	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 3296 x 1856, 3200 x 1800 (QHD+), 2880 x 1624, 2688 x 1520, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240 30 fps for each resolution number of streams: 3 H.264, H.264+, H.265, H.265+, MJPEG/G.711



NoVus



83 mm

95 mm (Ø)



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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, HTML5, RTMP
ONVIF Protocol Support	Profile G/S/T/M
Camera Configuration	from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	ipGO 6 (iPhone, Android)
VIDEO ANALYTICS	
Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, loiter, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, target counting by area, video metadata, illegal parking detection
OTHER FUNCTIONS	
Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, Digest authorization for HTTP/RTSP, MAC/IP address filtering, force change of default password
Privacy Zones	4 video mask type: single color or 4 video mask type: mosaic
Motion Detection	yes
Region of interest (ROI)	8
Audio Detection	yes
Image Processing	180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction
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
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	1
Range	30 m
Smart IR	yes (software support)
INTERFACES	
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB
INSTALLATION PARAMETERS	
Dimensions (mm)	95 (Φ) x 83 (H)
Weight	0.5 kg
Degree of Protection	IP 67 (details in the user's manual)
Enclosure	vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6VE-S
Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)
	TVS 4000 V
Surge protection	1 4 3 4 0 0 0 4





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Operating Temperature

-30°C ~ 60°C

Humidity

max. 95%, relative (non-condensing)

