

2 MPX IP Camera with video content analysis based on Deep Learning

NVIP-2V-6501/F-II



KEY FEATURES





Hessitution: 2 HR (10H HD)
Lens: fixed focal, f=2.8 mm/F1.6
Human/Vehicle Object Classification
D/N function - IR cut filter
Video content analysis based on Deep Learning
microSD card support
WDR with double scan sensor
Min. Illumination: 0.005 lx (0 lx, IR on)
IR LED, range up to 30 m

COMPLIANCE



DIMENSIONS

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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	
Image Sensor	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.005 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/3 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	fixed focal, f=2.8 mm/F1.6
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 42.7m, O: 17m, R: 8.5m, I: 4.3m
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	yes
Visible Light Sensor	yes
NETWORK	
Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240
Frame Rate	30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connecti	ionsmax. 10





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Bandwidth	30 Mb/s in total
Network Protocols Support	HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, HTML5, RTMP
Camera Configuration	from Internet Explorer, Edge, Firefox, Chrome, Opera 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, object counting, multi loiter, face 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 detection, vehicle counting, intrusion detection
OTHER FUNCTIONS	
Privacy Zones	4 video mask type: single color or 4 video mask type: mosaic
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, 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
LED Number	2
	2 30 m
Range Smart IR	
Silidit IK	yes (software support)
INTERFACES	
Audio Input/Output	1 x Jack (3.5 mm)/- • built-in microphone
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	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
Memory Card Slot INSTALLATION PARAMETERS	microSD - capacity up to 256GB
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INSTALLATION PARAMETERS	microSD - capacity up to 256GB 5 119 (Φ) x 87.8 (H)
INSTALLATION PARAMETERS Dimensions (mm) Weight	microSD - capacity up to 256GB 5 119 (Φ) x 87.8 (H) 0.65 kg
INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection	microSD - capacity up to 256GB 119 (Φ) x 87.8 (H) 0.65 kg IP 67 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white • enclosure type:
INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection Enclosure	<pre>microSD - capacity up to 256GB 119 (Φ) x 87.8 (H) 0.65 kg IP 67 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6V-M</pre>
INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection Enclosure Power Supply	 microSD - capacity up to 256GB 119 (Φ) x 87.8 (Η) 0.65 kg IP 67 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6V-M 12 VDC, PoE (IEEE 802.3af, Class 3)
INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection Enclosure Power Supply Surge protection	<pre>microSD - capacity up to 256GB 119 (Φ) x 87.8 (H) 0.65 kg IP 67 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6V-M 12 VDC, PoE (IEEE 802.3af, Class 3) TVS 4000 V</pre>





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The camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with "F" in the name).

