

IP Motor-zoom Camera with video content analysis based on Deep Learning

NVIP-2V-6502M/F



KEY FEATURES



•Resolution: 2 MPX

Lens: motorized, auto-iris and auto-focus function, f=2.8 ~ 12 mm/F1.4
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: 0.003 lx (0 lx, IR on)
IR LED, range up to 50 m

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	
Image Sensor	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.003 lx/F1.4 - 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	motorized, auto-iris function, f=2.8 \sim 12 mm/F1.4
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
DAY/NIGHT	
Switching Type	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), 480 x 240, 320 x 240 (QVGA)
Frame Rate	30 fps for 1920 x 1080 (Full HD) and lower resolutions
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart,
	MJPEG/G.711
Number of Simultaneous Connecti	





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Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DNS,
	DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTF RTCP, ICMP, Unicast, SSL/TLS
Camera Configuration	from Internet Explorer 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)
OTHER FUNCTIONS	
Privacy Zones	4 video mask type: single color or 1 video mask type: mosaic
Motion Detection	yes
Region of interest (ROI)	8
Video Content Analysis (VCA)	tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting
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	3
Range	50 m
	J0 III
Angle	90°
Angle	90°
Angle Smart IR	90°
Angle Smart IR INTERFACES	90° yes (hardware support)
Angle Smart IR INTERFACES Video Output	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm
Angle Smart IR INTERFACES Video Output Audio Input/Output	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm)	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB 141 (Φ) x 100.2 (H)
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB 141 (Φ) x 100.2 (H) 0.89 kg
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB 141 (Φ) x 100.2 (H) 0.89 kg IP 67 (details in the user's manual)
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection Enclosure	90°yes (hardware support)BNC, 1.0 Vp-p, 75 Ohm1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone1 (NO/NC)/1 relay type (max. 12VDC/300mA)1 x Ethernet - RJ-45 interface, 10/100 Mbit/smicroSD - capacity up to 256GB141 (Φ) × 100.2 (H)0.89 kgIP 67 (details in the user's manual)vandalproof IK10 impact rating aluminium, white
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection Enclosure Power Supply	90°yes (hardware support)BNC, 1.0 Vp-p, 75 Ohm1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone1 (NO/NC)/1 relay type (max. 12VDC/300mA)1 x Ethernet - RJ-45 interface, 10/100 Mbit/smicroSD - capacity up to 256GB141 (Φ) x 100.2 (H)0.89 kgIP 67 (details in the user's manual)vandalproof IK10 impact rating aluminium, white12 VDC, PoE (IEEE 802.3af, Class 3)
Angle Smart IR INTERFACES Video Output Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection Enclosure Power Supply Surge protection	90° yes (hardware support) BNC, 1.0 Vp-p, 75 Ohm 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone 1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB 141 (Φ) x 100.2 (H) 0.89 kg IP 67 (details in the user's manual) vandalproof IK10 impact rating aluminium, white 12 VDC, PoE (IEEE 802.3af, Class 3) TVS 4000 V



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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).

