NoVus

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

NVIP-4H-6532M/F





KEY FEATURES





















- •Resolution: 4 MPX
- •Lens: motorized, auto-iris and auto-focus function, f=7 \sim 22 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 100 m (depends on current optical zoom value)

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	4 MPX CMOS sensor 1/3" SmartSens
Number of Effective Pixels	2592 (H) x 1520 (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	motorized, auto-iris function, f=7 ~ 22 mm/F1.6
Auto-focus	zoom trigger, day/night mode trigger, manual trigger

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

IETWORK

NETWORK	
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
Frame Rate	30 fps for • 60 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711
Number of Simultaneous Connec	ctionsmax. 10
Bandwidth	60 Mb/s in total







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ONVIF Protocol Support Profile G/S 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) VIDEO ANALYTICS Functions Lamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, detection of people not wearing masks, pedestrian detection, cross counting, scene change, video bitured, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 1 video mask type: mosaic Working or the vertical flip, horizontal flip, lens distortion correction yes Region of interest (ROI) 8 Image Processing 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction yes bystem Reaction to Alarm Events 2 e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation Restoring default settings via web browser, using reset button, via NMS IPTool software IR LED LED Number 6 Range up to 100 m (depends on current optical zoom value) Smart IR yes (software support) INTERFACES Video Output BNC, 1.0 Vp-p, 75 Ohm Audio Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - R)-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 128GB INSTALLATION PARAMETERS Dimensions (mm) with bracket: 101 (W) x 89 (H) x 280 (L) Weight 1.1 kg Degree of Protection P67 (details in the user's manual) Power Supply 12 VDC, PoE (IEEE 802.3af, Klasa 3) Surge protection 7V5 4000 V Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C - 60°C Humidity max 25°STEMENT SYTEMACE (INDUC) (Induced and privature (Induced and privature (Induced and privature (Induced an	Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS
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Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 128GB INSTALLATION PARAMETERS Dimensions (mm) with bracket: 101 (W) x 89 (H) x 280 (L) Weight 1.1 kg Degree of Protection IP 67 (details in the user's manual) Power Supply 12 VDC, PoE (IEEE 802.3af, Klasa 3) Surge protection TVS 4000 V Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C ~ 60°C	Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
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Weight 1.1 kg Degree of Protection IP 67 (details in the user's manual) Power Supply 12 VDC, PoE (IEEE 802.3af, Klasa 3) Surge protection TVS 4000 V Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C ~ 60°C	INSTALLATION PARAMETERS	
Degree of Protection IP 67 (details in the user's manual) Power Supply 12 VDC, PoE (IEEE 802.3af, Klasa 3) Surge protection TVS 4000 V Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C ~ 60°C	Dimensions (mm)	with bracket: 101 (W) x 89 (H) x 280 (L)
Power Supply 12 VDC, PoE (IEEE 802.3af, Klasa 3) Surge protection TVS 4000 V Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C ~ 60°C	Weight	1.1 kg
Surge protection TVS 4000 V Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C ~ 60°C	Degree of Protection	IP 67 (details in the user's manual)
Power Consumption 7.5 W • 14 W (IR illuminator on) Operating Temperature -30°C ~ 60°C	Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)
Operating Temperature -30°C ~ 60°C	Surge protection	TVS 4000 V
	Power Consumption	7.5 W • 14 W (IR illuminator on)
Humidity max. 95%, relative (non-condensing)	Operating Temperature	-30°C ~ 60°C
	Humidity	max. 95%, relative (non-condensing)







IP Motor-zoom Camera with video content analysis based on Deep Learning NVIP-4H-6532M/F

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

