4 MPX IP LPR bullet camera with a motor-zoom lens

NVIP-4H-6732M/LPR-A



6000 VSS PROJECT

KEY FEATURES

NDAA · LPR LICENCE PLATE RECOGNITION · H.265+ · IK10

4 Mpx · D/N IR-cut · 0.001 Lux · f=8~32 · IR 100 m · IP67 · IR SMART

- Resolution: 4 MPX
- Lens: motorized, auto-iris and auto-focus function, f=8 ~ 32 mm/F1.6
- D/N function - IR cut filter
- Licence plate recognition (LPR)
- microSD card support
- WDR with double scan sensor
- two-way audio
- Min. Illumination from 0.001 lx (0 lx, IR on)
- IR LED, range up to 100 m

COMPLIANCE

ONVIF · GMST

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 1/1.8” OmniVision
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.001 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto/manual: 1 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1 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=8 ~ 32 mm/F1.6
Auto-focus	zoom trigger, manual trigger

DAY/NIGHT

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

NETWORK

Stream Resolution	2688 x 1520, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 480 x 240
Frame Rate	30 fps for each resolution • 60 fps for 1920 x 1080 (Full HD) • 60 fps is available when HFR mode is enabled
Multistreaming Mode	number of streams: 3 (main stream, sub stream, third stream)
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 10
Bitrate	for H.264 : 32 kbps - 8192 kbps • for H.265 : 32 kbps - 8192 kbps

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Network Protocols Support	HTTP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP
ONVIF Protocol Support	Profile G/S/T/M
Camera Configuration	from 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)

OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, Digest authorization for HTTP/RTSP, IP and/or MAC address filtering, force change of default password
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180˚ image rotation, mirror effect
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message
Restoring default settings	via web browser, using reset button, via NMS IPTool software

LICENCE PLATE RECOGNITION (LPR)

Autonomous operation mode	yes - recognition function implemented in the camera
Capacity of License Plate Database	up to 10000 license plates, on all lists.
Types of recognized number plates	all countries of the European Union / CIS countries
Barrier control	yes - built-in relay output
Recommended maximum speed of the vehicle	up to 120 km/h
Data recorded in the camera base	recognition date/time, number of recognised licence plate, presence on the "white list" or "black list"
Reactions for the licence plate recognition	e-mail with attachment, saving file on FTP server, alarm output activation, Wiegand output activation, saving file on SD card, playback of the audio message

IR LED

LED Number	4
Range	up to 100 m (depends on current optical zoom value)
Smart IR	yes (hardware 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)
Control Input/Output	Wiegand 26, RS-485
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB

INSTALLATION PARAMETERS

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Dimensions (mm)	with bracket: 101 (W) x 89 (H) x 280 (L)
Weight	1.2 kg
Degree of Protection	IP 67 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating • enclosure type: 6H-B
Power Supply	12 VDC, 24 VAC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	5 W • 11 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)

AAT SYSTEMY BEZPIECZEŃSTWA sp. z o.o. hereby declares, that this NOVUS product does not contain any components or technologies manufactured by the entities mentioned in the Section 889 of the National Defense Authorization Act (NDAA) for Fiscal Year 2019