



# 4 MPX Bullet IP LPR Camera with Motor-zoom Lens

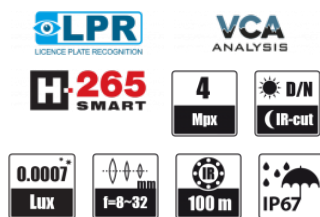
NVIP-4H-6732M/LPR



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## FUNCTIONS



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.

## COMPATIBILITY



## KEY FEATURES

- Resolution: 4 MPX
- Lens: motorized, auto-iris and auto-focus function, f=8 ~ 32 mm/F1.6
- D/N function - IR cut filter
- Video content analysis
- 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

## DIMENSIONS



<b>Image</b>	
Image Sensor	4 MPX CMOS sensor 1/1.8" SONY STARVIS
Number of Effective Pixels	2712 (H) x 1538 (V)
Min. Illumination	0.001 lx/F1.6 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1 s ~ 1/1000000 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
<b>Lens</b>	
Lens Type	motorized, auto-iris function, f=8 ~ 32 mm/F1.6
Auto-focus	zoom trigger, manual trigger
<b>Day/Night</b>	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Visible Light Sensor	yes
<b>Network</b>	
Stream Resolution	2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 352 x 288 (CIF)
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	3 streams (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
Bandwidth	82 Mb/s in total
Network Protocols Support	HTTP, IPv4/v6, UDP, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, RTMP
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
<b>Other functions</b>	
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
Image Processing	180° image rotation, sharpening, 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
Restoring default settings	via web browser, using reset button, via NMS IPTool software
<b>Licence plate recognition (LPR)</b>	
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	alarm output activation
<b>IR LED</b>	
LED Number	4
Range	up to 100 m (depends on current optical zoom value)
Smart IR	yes (hardware support)
<b>Interfaces</b>	
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 - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB
<b>Installation parameters</b>	
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
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)

Surge protection	TVS 4000 V
Power Consumption	6 W, 12 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95% relative (non-condensing)