Bullet IP Camera with Motor-zoom Lens

NVIP-8H-6402M/F (NVIP-8DN3512H/IR-1P)



KEY FEATURES

- Resolution: 8 MPX (4K Ultra HD)
- Lens: motorized, auto-focus function, f=3.3 ~ 12 mm/F1.4
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- Min. Illumination: 0.01 lx (0 lx, IR on)
- IR LED, range up to 50 m

DIMENSIONS



INFORMATION - The name of the model has changed. The previous name is shown in brackets.

IMAGE

Image Sensor	8 MPX CMOS sensor 1/2.5" SONY Exmor R STARVIS
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	0.01 lx/F1.4 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1/3 s
Wide Dynamic Range (WDR)	yes
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, f=3.3 ~ 12 mm/F1.4
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, light sensor
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Switching Schedule	yes
Visible Light Sensor	yes

NETWORK

Stream Resolution	3840 x 2160 (4K Ultra HD), 2560 x 1440 (QHD), 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 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 Connections	max. 4
Bandwidth	50 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, UDP, FTP, DHCP, DDNS, NTP, RTSP, PPPoE, SMTP

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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, NVR-6000 Viewer
Mobile applications	SuperLive Plus (iPhone, Android)

VIDEO ANALYTICS

Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, face detection, scene change, video blurred, video color cast

OTHER FUNCTIONS

Privacy Zones	4
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
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
Restoring default settings	via web browser, using reset button, via NMS IPTool software

IR LED

LED Number	48
Range	50 m
Angle	90°
Smart IR	yes (software support)

INTERFACES

Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only
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 128GB

INSTALLATION PARAMETERS

Dimensions (mm)	with bracket: 109 (Φ) x 284 (L)
Weight	1.10 kg
Degree of Protection	IP 66 (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	4.5 W • 8 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C

Specification of the NVIP-8H-6402M/F camera as the successor NVIP-8DN3512H/IR-1P may be slightly different. Technical data of the NVIP-8DN3512H/IR-1P is available here .