

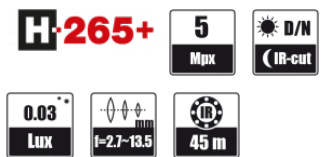


Bullet IP Camera with Motor-zoom Lens

NVIP-5H-4502M/F



FUNCTIONS



KEY FEATURES

- Resolution: 5 MPX
- Lens: motorized, auto-focus function, f=2.7 ~ 13.5 mm/F1.8
- support for Chrome, Firefox, Opera, Safari browsers
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- WDR with double scan sensor
- two-way audio
- Min. Illumination: 0.03 lx (0 lx, IR on)
- IR LED, range up to 45 m
- "Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

DIMENSIONS



Image	
Image Sensor	5 MPX CMOS sensor 1/2.7" OmniVision
Number of Effective Pixels	2592 (H) x 1944 (V)
Min. Illumination	0.03 lx/F1.2 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 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
Reduction of image flicker (Antiflicker)	yes
Lens	
Lens Type	motorized, f=2.7 ~ 13.5 mm/F1.8
Auto-focus	zoom trigger, manual trigger
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Delay	1 ~ 36 s
Visible Light Sensor	yes
Network	
Stream Resolution	2592 x 1944, 2592 x 1520, 2304 x 1296, 2048 x 1536 (QXGA), 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	30 fps for each resolution
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.264+, H.265, H.265+/G.711
Number of Simultaneous Connections	max. 10
Bandwidth	60 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, SMTP, P2P, HTML5
ONVIF Protocol Support	Profile S/G
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera, Safari browser languages: Polish, English, Russian, and others
Compatible Software	NMS
Mobile applications	RxCamView (iPhone, Android)
Other functions	
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Audio Detection	yes
Video Content Analysis (VCA)	abandoned object, object disappearance, line cross, zone entrance, zone exit, multi loiter, cross counting, heat map, queue length detection, objects distinguishing, face recognition, comparing faces
Image Processing	180° image rotation, vertical flip, horizontal flip
Prealarm/Postalarm	up to 5 s/up to 30 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cloud storage
Restoring default settings	via web browser, using reset button
IR LED	
LED Number	4
Range	45 m
Smart IR	yes (hardware support)
Interfaces	
Audio Input/Output	1 x RCA/1 x RCA
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
Installation parameters	
Dimensions (mm)	with bracket: 87 (W) x 83 (H) x 242 (L)
Weight	0.82 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included
Power Supply	PoE, 12 VDC
Surge protection	TVS 4000 V
Power Consumption	2 W, 5 W (IR illuminator on)
Operating Temperature	-30°C ~ 55°C
Humidity	max. 95%, relative (non-condensing)

A memory card is required for the face recognition function to work.