

Bullet IP Camera with varifocal lens NVIP-5H-4232

4000 VSS IP



KEY FEATURES



- Resolution: 5 MPX
- Lens: varifocal, $f=2.7 \sim 13.5$ mm/F1.8
- support for Chrome, Firefox, Opera, Safari browsers
- D/N function - IR cut filter
- microSD card support
- two-way audio
- Min. Illumination: 0.05 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

COMPLIANCE



DIMENSIONS



The camera is dedicated to work with NOVUS 4000 series recorders. Detailed data can be found in the compatibility table available in the **DOWNLOADABLE FILES** tab.

IMAGE

Image Sensor	5 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	2592 (H) x 1944 (V)
Min. Illumination	0.05 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
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	varifocal, $f=2.7 \sim 13.5$ mm/F1.8
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DORI

DORI (Detection, Observation, Recognition, Identification)	for $f = 2.7$ mm - D: 56m, O: 22.4m, R: 11m, l: 5.6m • for $f = 13.5$ mm - D: 240m, O: 96m, R: 48m, l: 24m
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DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Delay	1 ~ 36 s
Visible Light Sensor	yes

NETWORK

Stream Resolution	2592 x 1520, 2592 x 1944, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Multistreaming Mode	number of streams: 3 (main stream, sub stream, third stream)
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connections	max. 3 connections, (max. 14 streams in total)
Bandwidth	20 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SMTP, P2P, HTML5
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, Russian, and others

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Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC
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Mobile applications	ipGO 4 (iPhone, Android)
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OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color
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Motion Detection	yes
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Audio Detection	decline detection, rise detection
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Image Processing	180° image rotation, vertical flip, horizontal flip
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Prealarm/Postalarm	up to 5 s/up to 30 s
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System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage
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Restoring default settings	via web browser, using reset button
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IR LED

LED Number	4
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Range	45 m
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Smart IR	yes (hardware support)
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INTERFACES

Audio Input/Output	1 x RCA/1 x RCA
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Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
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Memory Card Slot	microSD - capacity up to 256GB
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INSTALLATION PARAMETERS

Dimensions (mm)	with bracket: 87 (W) x 83 (H) x 242 (L)
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Weight	0.82 kg
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Degree of Protection	IP 66 (details in the user's manual)
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Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included • enclosure type: 4H-B
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Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
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Surge protection	TVS 4000 V
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Power Consumption	2 W • 5 W (IR illuminator on)
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Operating Temperature	-30°C ~ 60°C
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Humidity	max. 95%, relative (non-condensing)
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