8 MPX Bullet IP Camera

NVIP-8H-6511/F



KEY FEATURES

- •Resolution: 8 MPX (4K Ultra HD)
- •Lens: fixed focal, f=2.8 mm/F1.6
- •Human/Vehicle Object Classification
- •D/N function - IR cut filter
- •Video content analysis based on Deep Learning
- •microSD card support
- •WDR with double scan sensor
- •Min. Illumination: 0.02 lx (0 lx, IR on)
- •IR LED, range up to 50 m

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	8 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	3864 (H) x 2192 (V)
Min. Illumination	0.02 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/3 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	fixed focal, f=2.8 mm/F1.6

DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
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), 3072 x 2048, 2560 x 1440 (QHD), 2592 x 1520, 2592 x 1944, 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711
Number of Simultaneous Connections	max. 10
Bandwidth	60 Mb/s in total

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Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS
Camera Configuration	from Internet Explorer browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)

VIDEO ANALYTICS

Functions	tamper, line cross, zone entrance, zone exit, face detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection

OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color or 1 video mask type: mosaic
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180˚ image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail, 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

IR LED

LED Number	2
Range	50 m
Smart IR	yes (software support)

INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/-
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: 81 (W) x 81 (H) x 220 (L)
Weight	0.7 kg
Degree of Protection	IP 67 (details in the user's manual)
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	6 W • 10 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)

The camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with "F" in the name).