### **NoVus**

### 8 MPX Bullet IP Camera

#### **NVIP-8H-6511/F-II**





#### **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
- $\bullet \mathsf{WDR} \mathsf{\ with\ double\ scan\ sensor}$
- •Min. Illumination: 0.02 lx (0 lx, IR on)
- •IR LED, range up to 50 m

#### **DIMENSIONS**





81 mm





The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the compatibility table available in the  $\ensuremath{\mathsf{DOWNLOADABLE}}$  FILES tab.

#### IMAGE

8 MPX CMOS sensor 1/2.8" SONY STARVIS
3864 (H) x 2192 (V)
0.02 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
auto/manual: 1/3 s ~ 1/100000 s
up to 1/3 s
yes (double scan sensor), 120dB
yes
3D
yes
yes
yes
yes

#### **LENS**

Lens Type	fixed focal, f=2.8 mm/F1.
Lens Type	11Xeu 10cai, 1-2.0 11111/1 1

#### **DORI**

DORI (Detection, Observation,	for f = 2.8mm - D: 83m, O: 33m, R: 17m, I: 8m
Recognition, Identification)	

#### **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**

TIL I TOTAL	
Stream Resolution	$3840 \times 2160$ (4K Ultra HD), $3072 \times 2048$ , $2560 \times 1440$ (QHD), $2592 \times 1520$ , $2592 \times 1944$ , $2304 \times 1296$ , $1920 \times 1080$ (Full HD), $1280 \times 720$ (HD), $640 \times 480$ (VGA), $320 \times 240$ (QVGA), $480 \times 240$
Frame Rate	30 fps for each resolution • 60 fps for the following resolutions: 1920 x 1080 (Full HD)
Multistreaming Mode	number of streams: 3



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Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connection	nsmax. 10
Bitrate	for H.264 : 128 kbps - 12288 kbps • for H.265 : 64 kbps - 8192 kbps
Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, SSL/TLS, HTML5
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 $6000$
Mobile applications	ipGO 6 (iPhone, Android)
VIDEO ANALYTICS	
Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, loiter, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, target counting by area, video metadata, illegal parking detection
OTHER FUNCTIONS	
Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, Digest authorization for HTTP/RTSP, MAC/IP address filtering, force change of default password
Privacy Zones	4 video mask type: single color or 4 video mask type: mosaic
Motion Detection	yes
Region of interest (ROI)	8
Audio Detection	yes
Image Processing	$90^\circ$ image rotation, $180^\circ$ 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)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating • enclosure type: 6H-M







# 8 MPX Bullet IP Camera NVIP-8H-6511/F-II

Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)
Surge protection	TVS 4000 V
Power Consumption	7 W • 11 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).

