# **NOVUS**

# 6 MPX Bullet IP Camera with white light and IR illuminator

## NVIP-6H-6201/WL/7043





#### **KEY FEATURES**

























•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 from 0.008 lx
- •IR LED, range up to 30 m
- •white LED illuminator, range up to 30 m

# COMPLIANCE



### **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.

All camera stream resolutions are supported by NVRs with firmware version 1.4.10 or higher.

#### **IMAGE**

INAGE	
Image Sensor	6 MPX CMOS sensor 1/2.5" SmartSens
Min. Illumination	0.008 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/4 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/4 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Noise Reduction (DNR)	3D
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

# **LENS**

Lens Type	fixed focal, $f=2.8 \text{ mm/F}1.6$

#### DORI

DORI (Detection, Observation, for f = 2.8 mm - D: 69m, O: 28m, R: 14m, I: 7m Recognition, Identification)

#### **DAY/NIGHT**

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s
Switching Schedule	yes

#### **NETWORK**

TILL I WORK	
Stream Resolution	3200 x 1800 (QHD+), 2688 x 1520, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240
Frame Rate	30 fps for other resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Conne	ectionsmax. 6
Bandwidth	24 Mb/s in total



# **NOVUS**









170 mm

# 6 MPX Bullet IP Camera with white light and IR illuminator NVIP-6H-6201/WL/7043

Network Protocols Support	HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP, HTTP POST
ONVIF Protocol Support	Profile G/S/T
Camera Configuration	from Internet Explorer, 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	abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, smart motion detection with objects distinguishing
OTHER FUNCTIONS	
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	$90^\circ$ image rotation, $180^\circ$ 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

### IR LED

IIV EED	
LED Number	1
Range	30 m
Smart IR	ves (software support)

via web browser, using reset button, via NMS IPTool software

# WHITE LIGHT ILLUMINATOR

Restoring default settings

LED Number	1, warm white color
Range	30 m
Smart Light	yes (software support)

# INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/- • built-in microphone
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB

#### **INSTALLATION PARAMETERS**

INSTALLATION PARAMETERS	
Dimensions (mm)	with bracket: 75 (W) x 75 (H) x 170 (L)
Weight	0.4 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	4 W • 6.5 W (IR illuminator on) • 7 W (white light illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)

