

## 6 MPX IP Camera with video content analysis and active deterrence

### NVIP-6H-6211/WLAD

6000 VSS IP



#### KEY FEATURES



- Resolution: 6 MPX
- Lens: fixed focal, f=2.8 mm/F1.6
- active deterrence
- 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: 0.02 lx (0 lx, IR on)
- IR LED, range up to 40 m
- white LED illuminator, range up to 40 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

Image Sensor	6 MPX CMOS sensor 1/2.39" SuperPix
Number of Effective Pixels	3280 (H) x 1845 (V)
Min. Illumination	0.02 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1/3 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/3 s
Wide Dynamic Range (WDR)	yes 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 mm/F1.6
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#### DORI

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

Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s
Switching Schedule	yes

#### NETWORK

Stream Resolution	3200 x 1800 (QHD+), 2688 x 1512, 2560 x 1440 (QHD), 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 Connections	max. 6

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Bitrate	for H.264 : 128 kbps - 8192 kbps • for H.265 : 64 kbps - 7168 kbps
Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP
Camera Configuration	from Edge, Firefox, Chrome, Opera, Safari 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, abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, smart motion detection with objects distinguishing
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#### OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, MAC/IP address filtering, force change of default password, authorization Token for HTTP
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	90° image rotation, 180° 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, e-mail with attachment, saving file on FTP server, saving file on SD card, playback of the audio message, active deterrent functions
Determent	red and blue LEDs, flashing light, • built-in speaker (predefined or custom voice messages)
Restoring default settings	via web browser, using reset button, via NMS IPTool software, via IP Tool 6000 software

#### IR LED

LED Number	1
Range	40 m
Smart IR	yes (software support)

#### WHITE LIGHT ILLUMINATOR

LED Number	1, warm white color
Range	40 m
Smart Light	yes (software support)

#### INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone/speaker
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

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### **NVIP-6H-6211/WLAD**

Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating • enclosure type: 4H-B
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	4 W • 8 W (IR illuminator on) • 8 W (white light illuminator on) • 6 W (active deterrence functions enabled) • 10 W (IR illuminator and active deterrence functions enabled)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)