

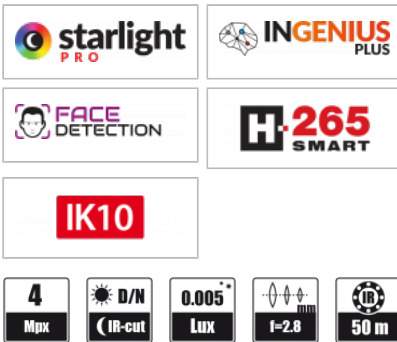
## IP Camera with video content analysis based on Deep Learning

### NVIP-4H-6511/F

6000 VSS IP

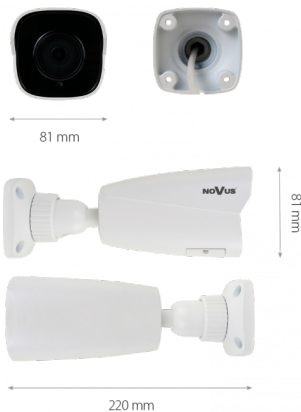


#### KEY FEATURES



- Resolution: 4 MPX
- 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: 0.005 lx (0 lx, IR on)
- IR LED, range up to 50 m

#### DIMENSIONS



#### IMAGE

Image Sensor	4 MPX CMOS sensor 1/3" SmartSens
Number of Effective Pixels	2592 (H) x 1520 (V)
Min. Illumination	0.005 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
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#### DAY/NIGHT

Switching Type	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	2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240
Frame Rate	30 fps for 2592 x 1520 • 60 fps for 1920 x 1080 (Full HD) and lower resolutions
Multistreaming Mode	3 streams
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
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
ONVIF Protocol Support	Profile G/S

# IP Camera with video content analysis based on Deep Learning

## NVIP-4H-6511/F

Camera Configuration from Internet Explorer browser • languages: Polish, English, Russian, and others

Compatible Software NOVUS MANAGEMENT SYSTEM VSS, NVR-6000 Viewer

Mobile applications SuperLive Plus (iPhone, Android)

### OTHER FUNCTIONS

Privacy Zones 4 video mask type: single color or 1 video mask type: mosaic

Motion Detection yes

Region of interest (ROI) 8

Video Content Analysis (VCA) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, detection of people not wearing masks, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting

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 128GB

### 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

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)