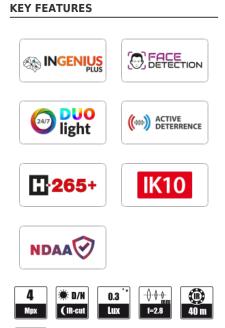


4 MPX IP Camera with video content analysis and active deterrence

NVIP-4H-6711/FWLAD





Resolution: 4 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: 0.03 lx (0 lx, IR on)
IR LED, range up to 40 m
white LED illuminator, range up to 40 m

DIMENSIONS

40 m



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 Sensor	4 MPX CMOS sensor 1/2.9" SmartSens
Number of Effective Pixels	2696 (H) x 1528 (V)
Min. Illumination	0.03 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 (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
DORI	
DORI DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 59.66m, O: 23.86m, R: 11.93m, I: 5.96m
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 59.66m, O: 23.86m, R: 11.93m, I: 5.96m
DORI (Detection, Observation,	for f = 2.8mm - D: 59.66m, O: 23.86m, R: 11.93m, I: 5.96m day/night switching: mechanical IR cut filter
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT	
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode	day/night switching: mechanical IR cut filter
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment	day/night switching: mechanical IR cut filter auto, manual, time
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode	day/night switching: mechanical IR cut filter auto, manual, time yes
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Switching Schedule NETWORK	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Switching Schedule	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF)
DORI (Detection, Observation, Recognition, Identification) DAY/NIGHT Mode Switching Mode Switching Level Adjustment Switching Delay Switching Schedule NETWORK Stream Resolution	day/night switching: mechanical IR cut filter auto, manual, time yes 2 ~ 120 s yes 2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF) 480 x 240







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Bandwidth	30 Mb/s in total
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, HTML5, RTMP
Camera Configuration	from Internet Explorer, 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, zone entrance, zone exit, object counting, 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
OTHER FUNCTIONS	
Privacy Zones	4 video mask type: single color or 4 video mask type: mosaic
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, 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
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
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
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
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

IP 66 (details in the user's manual)



Degree of Protection



4 MPX IP Camera with video content analysis and active deterrence **NVIP-4H-6711/FWLAD**

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, Klasa 3)
Surge protection	TVS 4000 V
Power Consumption	5 W • 9 W (IR illuminator on) • 9 W (white light illuminator on) • 11 W (IR illuminator and active deterrence functions enabled)
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).

