

IP Camera with video content analysis and active deterrence

NVIP-4H-6702M/FWLAD



KEY FEATURES



Resolution: 4 MPX
Lens: motorized, auto-focus function, f=2.8 ~ 12 mm/F1.4
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: 0.023 lx (0 lx, IR on)
IR LED, range up to 40 m
white LED illuminator, range up to 40 m

COMPATIBILITY



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.

IMAGE	
Image Sensor	4 MPX CMOS sensor 1/2.9" SmartSens
Number of Effective Pixels	2696 (H) x 1528 (V)
Min. Illumination	0.023 lx/F1.4 - 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	motorized, f=2.8 \sim 12 mm/F1.4
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
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
NETWORK	
Stream Resolution	2592 x 1520, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 480 x 240, 352 x 288 (CIF)
Frame Rate	30 fps for each resolution
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connecti	onsmax. 10
Bandwidth	30 Mb/s in total







IP Camera with video content analysis and active deterrence NVIP-4H-6702M/FWLAD

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
from Internet Explorer, Chrome, Opera, Safari browser • languages: Polish, English, and others
NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
SuperLive Plus (iPhone, Android)
4 video mask type: single color or 4 video mask type: mosaic
yes
8
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
90° image rotation, 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction
up to 6 s/up to 120 s
e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card
red and blue LEDs, flashing light, • built-in speaker (predefined or custom voice messages)
via web browser, using reset button, via NMS IPTool software
1
40 m
yes (software support)
1, warm white color
40 m
yes (software support)
1 x lack (3 5 mm)/1 x lack (3 5 mm) • built-in microphono/speaker
1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone/speaker
1 (NO/NC)/1 relay type (max. 12VDC/300mA)
1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
1 (NO/NC)/1 relay type (max. 12VDC/300mA)
1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB with bracket: 81 (W) x 81 (H) x 220 (L)
1 (NO/NC)/1 relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB with bracket: 81 (W) x 81 (H) x 220 (L) 0.72 kg





IP Camera with video content analysis and active deterrence NVIP-4H-6702M/FWLAD

Surge protection	TVS 4000 V
Power Consumption	6 W • 10 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).

