NoVus

4 MPX IP Camera with video content analysis and active deterrence

Im

NVIP-4H-6702M/FWLAD

6000 VSS

FUNCTIONS



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

DIMENSIONS





220 mm



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 ~ 12 mm/F1.4
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 60.09m, 0: 24.03m, R: 12.01m, I: 6m for f = 12mm - D: 175.72m, 0: 70.28m, R: 35.14m, I: 17.57m
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Mode Switching Mode	day/nignt switching: mechanical IK cut litter auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Switching Schedule	yes
Network	
Stream Resolution	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
Frame Rate	30 fps for each resolution
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. 10
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, HTMLS, 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 courting, 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 by area, video metadata
Other functions	
Privacy Zones	4 video mask type: single color or 4 video mask type: mosaic
	ves
Motion Detection	
	8
Motion Detection Region of interest (ROI) Image Processing	8 90° image rotation, 180° image rotation, sharpening, mirror effect, corridor mode, vertical filp, horizontal filp, lens distortion correction
Region of interest (ROI)	8 90° image rotation. 180° image rotation, sharpening, mirror effect, corridor mode, vertical filo, horizontal
Region of interest (ROI) Image Processing	90° image rotation, 180° image rotation, sharpening, mirror effect, corridor mode, vertical filp, horizontal filp, lens distortion correction
Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent	8 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)
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Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IR LED LED Number Range Smart IR White light Illuminator LED Number Range Smart Light	8 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
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Memory Card Slot	microSD - capacity up to 256GB	
Installation parameters		
Dimensions (mm)	with bracket: 81 (W) x 81 (H) x 220 (L)	
Weight	0.72 kg	
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, Klasa 3)	
Surge protection	TVS 4000 V	
Power Consumption	6 W, 10 W (UR 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 * I* in the name).		