NOVUS

4 MPX IP Camera with video content analysis based on **Deep Learning**

NVIP-4D-6502M/F-II





FUNCTIONS























KEY FEATURES

- •Resolution: 4 MPX
- •Lens: motorized, auto-iris and auto-focus

- function, f=2.8 ~ 12 mm/F1.3

 •built-in microphone

 •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: 0.003 lx (0 lx, IR on)
- •IR LED, range up to 30 m

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 1/3" SmartSens
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.003 lx/F1.3 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1/2 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/2 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, auto-iris function, f=2.8 ~ 12 mm/F1.3
DORI	TE HING 13
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 58m, 0: 23m, R: 11m, I: 5m for f = 12mm - D: 205m, 0: 82m, R: 41m, I: 20m
Day/Night	
Mode	day/night switching: 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 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	50 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
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	ipGO 6 (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, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, target counting by area, video metadator.
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	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	The Med Statistics, using reset button, wa was it foot software
LED Number	4
Range	30 m
Smart IR	yes (software support)
Interfaces	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Audio Input/Output	built-in microphone
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)	122 (Φ) x 96 (H)
Weight	0.38 kg
	plastic, white
Enclosure	Enclosure type: 6D



96 mm

Power Supply

Surge protection

TVS 4000 V

Power Consumption

6W, Illiminator on)

Operating Temperature

1-0°C ~ 40°C

Humidity

The camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with "P" in the name).

122 mm (Ø)

