

4 MPX Special Purpose IP Camera NVIP-4DQ-6701/PC

6000 VSS IP



KEY FEATURES



- Resolution: 4 MPX
- Lens: fixed focal, $f=2.1$ mm/F2.1 x 2
- two-way audio
- 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 from 0.008 lx (0 lx, IR on)
- IR LED, range up to 10 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" OmniVision x 2
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.008 lx/F2.1 - 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 120dB
Digital Noise Reduction (DNR)	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, $f=2.1$ mm/F2.1 x 2
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DORI

DORI (Detection, Observation, Recognition, Identification)	for $f = 2.1$ mm - D: 37m, O: 15m, R: 7m, I: 4m
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DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s

NETWORK

Stream Resolution	2560 x 1440 (QHD), 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. 3
Bitrate	for H.264 : 128 kbps - 8192 kbps • for H.265 : 64 kbps - 7168 kbps

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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
ONVIF Protocol Support	Profile G/S/T
Camera Configuration	from Internet Explorer, Edge, Firefox, 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	scene change, video blurred, video color cast, people counting
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OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, IP and/or MAC address filtering, force change of default password, authorization Basic for HTTP, authorization Token for HTTP
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	sharpening
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message
Restoring default settings	via web browser, using reset button, via NMS IPTool software, via IP Tool 6000 software

IR LED

LED Number	2
Range	10 m
Smart IR	yes (software support)

INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in speaker, basic microphone and noise cancellation microphone
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 1A 30VDC)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB

INSTALLATION PARAMETERS

Dimensions (mm)	180 (W) x 44 (H) x 65 (L) - camera
Weight	0.6 kg
Degree of Protection	IP 66 (details in the user's manual)
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	6 W • 9 W (IR illuminator on)
Operating Temperature	-30°C ~ +45°C
Humidity	max. 95%, relative (non-condensing)