Cube IP camera

NVIP-4Q-6101/PIR/W



FUNCTIONS

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.

COMPLIANCE

KEY FEATURES

- Resolution: 4 MPX
- access to the camera via the Internet thanks to P2P connectivity
- Lens: fixed focal, f=2.1 mm/F2.1
- two-way audio
- D/N function - IR cut filter
- Video content analysis
- reduction of false alarms - PIR detector
- microSD card support
- WDR with double scan sensor
- two-way audio
- Min. Illumination: 0.01 lx (0 lx, IR on)
- IR LED, range up to 10 m

DIMENSIONS

Image	
Image Sensor	4 MPX CMOS sensor 1/3" SmartSens
Number of Effective Pixels	2568 (H) x 1448 (V)
Min. Illumination	0.01 lx/F2.1 - 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
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
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.1mm - D: 36m, O: 14m, R: 7m, I: 4m
Day/Night	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time, external
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s
Visible Light Sensor	yes
Network	
Stream Resolution	2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 352 x 288 (CIF), 480 x 240
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 2 (main stream, sub stream)
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 2
Bitrate	for H.264 : 64 kbps - 6144 kbps for H.265 : 64 kbps - 6144 kbps
Network Protocols Support	HTTP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, UPnP, QoS, IEEE 802.1X, PPPoE, SMTP, P2P, HTML5, RTMP
ONVIF Protocol Support	Profile G/S/T/M
Camera Configuration	from Edge, Firefox, Chrome, Opera browser languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC
Mobile applications	ipGO 6 (iPhone, Android)
WiFi	
Network standard	IEEE802.11b, g, n
Band	2.4GHz
Security	WEP, WPA-PSK/WPA2-PSK
Transmission range	up to 50 m
Antenna	built-in, omnidirectional
Video Analytics	
Functions	tamper, line cross, pedestrian detection, intrusion detection, smart motion detection with objects distinguishing
Other functions	
Security	IEEE 802.1X support, HTTPS support, IP and/or MAC address filtering, force change of default password, compliance with the EN18031 standard defining cybersecurity standards for radio and IoT devices
Privacy Zones	4 video mask type: single color
Motion Detection	yes
PIR detector	range up to 5 m
Region of interest (ROI)	8
Image Processing	sharpening, mirror effect, vertical flip
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
Determent	built-in speaker (predefined voice messages)
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	1
Range	10 m
Smart IR	yes (hardware support)
Interfaces	
Audio Input/Output	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 1 x Wireless (WiFi)
Memory Card Slot	microSD - capacity up to 128GB
Installation parameters	
Dimensions (mm)	63 (W) x 109 (H) x 27 (L) with bracket: 72 (W) x 130 (H) x 72 (L)



Weight	0.2 kg
Enclosure	plastic, black and white, wall mount/base in-set included Enclosure type: 4Q
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Power Consumption	3 W, 4 W (IR illuminator on)
Operating Temperature	-20°C ~ 50°C
Humidity	max. 95%, relative (non-condensing)

The declared range of the WiFi network is based on laboratory research and relates to open spaces. It should be noted, that the materials used for the construction of houses and flats, wall thickness and electromagnetic field conditions in the immediate surroundings may affect the range of the network.