NOVUS

Cube IP camera

NVIP-2Q-6101/PIR/W

6000 VSS IP

FUNCTIONS

PIR DETECTION · VCA ANALYSIS

H·265 · 2 Mpx · D/N IR-cut

0.007 Lux · f=2.8 mm · IR 10 m · Wi-Fi

KEY FEATURES

- Resolution: 2 MPX
- Lens: fixed focal, f=2.8 mm/F1.85
- D/N function - IR cut filter
- Video content analysis
- reduction of false alarms - PIR detector
- microSD card support
- two-way audio
- Min. Illumination: 0.007 lx (0 lx, IR on)
- IR LED, range up to 10 m

DIMENSIONS

63 mm

130 mm

72 mm

72 mm

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	2 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	1936 (H) x 1096 (V)
Min. Illumination	0.007 lx/F1.2 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1 s
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes
Lens	
Lens Type	fixed focal, f=2.8 mm/F1.85
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Visible Light Sensor	yes
Network	
Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 480 x 240, 352 x 288 (CIF)
Frame Rate	25 fps for each resolution
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.265, MJPEG/G.711
Number of Simultaneous Connections	max. 4
Bandwidth	8 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, UPnP, QoS, IEEE 802.1X, PPPoE, SMTP, P2P, SSL/TLS
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	N-VID6 (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
Other functions	
Privacy Zones	4
Motion Detection	yes
PIR detector	range up to 7 m
Region of interest (ROI)	3
Video Content Analysis (VCA)	line cross, zone entrance
Image Processing	90° image rotation, 180° image rotation, mirror effect, corridor mode, vertical flip, horizontal 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
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	1
Range	10 m
Angle	120°
Smart IR	yes (software 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 Wireless (WiFi)
Memory Card Slot	microSD - capacity up to 128GB
Installation parameters	
Dimensions (mm)	63 (W) x 109 (H) x 30 (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
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	2 W, 3 W (IR illuminator on)
Operating Temperature	-10°C ~ 45°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.