



6 MPX Vandal Proof IP Camera with video content analysis and active deterrence

NVIP-6VE-6211/WLAD



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.

COMPATIBILITY



KEY FEATURES

- Resolution: 6 MPX
- Lens: fixed focal, f=2.8 mm/F1.6
- 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: 0.02 lx (0 lx, IR on)
- IR LED, range up to 40 m
- white LED illuminator, range up to 40 m

DIMENSIONS

| | |
|--|---|
| Image | |
| Image Sensor | 6 MPX CMOS sensor 1/2.39" SuperPix |
| Number of Effective Pixels | 3280 (H) x 1845 (V) |
| Min. Illumination | 0.02 lx/F1.6 - color mode, 0 lx (IR on) - B/W mode |
| Electronic Shutter | auto/manual: 1/3 s - 1/1000000 s |
| Digital Slow Shutter (DSS) | up to 1/3 s |
| Wide Dynamic Range (WDR) | yes 120dB |
| Digital Noise Reduction (DNR) | 3D |
| Highlight Compensation (HLC) | yes |
| Back Light Compensation (BLC) | yes |
| Reduction of image flicker (Antiflicker) | yes |
| Lens | |
| Lens Type | fixed focal, f=2.8 mm/F1.6 |
| DORI | |
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 69m, O: 28m, R: 14m, I: 7m |
| Day/Night | |
| Switching Type | mechanical IR cut filter |
| Switching Mode | auto, manual, time |
| Switching Level Adjustment | yes |
| Switching Delay | 2 - 6000 s |
| Switching Schedule | yes |
| Network | |
| Stream Resolution | 3200 x 1800 (QHD+), 2688 x 1520, 2560 x 1440 (QHD), 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 480, 640 x 480 (VGA), 352 x 240, 480 x 240 |
| Frame Rate | 20 fps for 3200 x 1800 (QHD+), 30 fps for other resolutions |
| 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. 6 |
| Bitrate | for H.264 : 128 kbps - 8192 kbps for H.265 : 64 kbps - 7168 kbps |
| Network Protocols Support | HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP |
| Camera Configuration | from 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 | SuperLive Plus (iPhone, Android) |
| Video Analytics | |
| Functions | tamper, abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, smart motion detection with objects distinguishing |
| Other functions | |
| Security | video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, MAC/IP address filtering, force change of default password, authorization Token for HTTP |
| Privacy Zones | 4 video mask type: single color |
| Motion Detection | yes |
| Region of interest (ROI) | 8 |
| Image Processing | 90° image rotation, 180° image rotation, sharpening, 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, e-mail with attachment, saving file on FTP server, saving file on SD card, playback of the audio message, active deterrent functions |
| Determent | red and blue LEDs, flashing light, built-in speaker (predefined or custom voice messages) |
| Restoring default settings | via web browser, using reset button, via NMS IPTool software, via IP Tool 6000 software |
| IR LED | |
| LED Number | 1 |
| Range | 40 m |
| Smart IR | yes (software support) |
| White light illuminator | |
| LED Number | 1, warm white color |
| Range | 40 m |
| Smart Light | yes (software support) |
| Interfaces | |



100 mm

112 mm (Ø)



| | |
|--------------------------------|---|
| Audio Input/Output | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) built-in microphone/speaker |
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| Memory Card Slot | microSD - capacity up to 256GB |
| Installation parameters | |
| Dimensions (mm) | 112 (Ø) x 100 (H) |
| Weight | 0.6 kg |
| Degree of Protection | IP 66 (details in the user's manual) |
| Enclosure | vandalproof, IK10 impact rating, aluminium, white enclosure type: 4VE-M |
| Power Supply | 12 VDC, PoE (IEEE 802.3af, Class 3) |
| Surge protection | TVS 4000 V |
| Power Consumption | 4 W, 8 W (IR illuminator on), 8 W (white light illuminator on), 6 W (active deterrence functions enabled) 10 W (IR illuminator and active deterrence functions enabled) |
| Operating Temperature | -30°C ~ 60°C |
| Humidity | max. 95%, relative (non-condensing) |