

IP Camera with video content analysis based on Deep Learning

NVIP-2VE-6501/F



KEY FEATURES



Resolution: 2 MPX (Full HD)
Lens: fixed focal, f=2.8 mm/F1.6
Human/Vehicle Object Classification
D/N function - IR cut filter
Video content analysis based on Deep Learning
microSD card support
WDR with double scan sensor
Min. Illumination: 0.005 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 | |
|---|--|
| Image Sensor | 2 MPX CMOS sensor 1/2.8" SONY STARVIS |
| Number of Effective Pixels | 1945 (H) x 1097 (V) |
| Min. Illumination | 0.005 lx/F1.6 - 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 (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 | fixed focal, f=2.8 mm/F1.6 |
| 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 | - |
| J | yes |
| NETWORK | yes |
| | yes 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240 |
| NETWORK | 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 |
| NETWORK Stream Resolution | 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240 |
| NETWORK Stream Resolution Frame Rate | 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240 30 fps for and lower resolutions |
| NETWORK Stream Resolution Frame Rate Multistreaming Mode | 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240 30 fps for and lower resolutions number of streams: 3 H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711 |







IP Camera with video content analysis based on Deep Learning NVIP-2VE-6501/F

| ONVIF Protocol Support Profile Cy/S Camera Configuration from Internet Explorer browser + languages: Polish, English, Russian, and others Compatible Software NOVUS MANACEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 Mobile applications SuperLive Plus (iPhone, Android) VIDEO ANALYTICS Functions Functions tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cost counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 1 video mask type: mosaic Motion Detection yes Region of interest (ROI) 8 Image Processing 18 ⁰ image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction Prealarm/Postalarm up to 6 s/up to 120 s sectoring 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 1 Range 30 m Angle 1 x Jack (3.5 mm)/- + built-in microphone | Network Protocols Support | HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP RTCP, ICMP, Unicast, SSL/TLS |
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| Smart IRyes (software support)INTERFACESAudio Input/Output1 x Jack (3.5 mm)/- • built-in microphoneNetwork Interface1 x Ethernet - RJ-45 interface, 10/100 Mbit/sMemory Card SlotmicroSD - capacity up to 128GBINSTALLATION PARAMETERSDimensions (mm)95 (Φ) x 83 (H)Weight0.5 kgDegree of ProtectionIP 67 (details in the user's manual)Enclosurevandalproof, IK10 impact rating, aluminium, whitePower Supply12 VDC, PoE (IEEE 802.3af, Klasa 3)Surge protectionTVS 4000 VPower Consumption5 W • 7.5 W (IR illuminator on)Operating Temperature-30°C ~ 60°C | Range | 30 m |
| INTERFACESAudio Input/Output1 x Jack (3.5 mm)/- • built-in microphoneNetwork Interface1 x Ethernet - RJ-45 interface, 10/100 Mbit/sMemory Card SlotmicroSD - capacity up to 128GBINSTALLATION PARAMETERSDimensions (mm)Dimensions (mm)95 (Φ) x 83 (H)Weight0.5 kgDegree of ProtectionIP 67 (details in the user's manual)Enclosurevandalproof, IK10 impact rating, aluminium, whitePower Supply12 VDC, PoE (IEEE 802.3af, Klasa 3)Surge protectionTVS 4000 VPower Consumption5 W • 7.5 W (IR illuminator on)Operating Temperature-30°C ~ 60°C | Angle | 120° |
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| Surge protectionTVS 4000 VPower Consumption5 W • 7.5 W (IR illuminator on)Operating Temperature-30°C ~ 60°C | Enclosure | vandalproof, IK10 impact rating, aluminium, white |
| Power Consumption5 W • 7.5 W (IR illuminator on)Operating Temperature-30°C ~ 60°C | Power Supply | 12 VDC, PoE (IEEE 802.3af, Klasa 3) |
| Operating Temperature -30°C ~ 60°C | Surge protection | TVS 4000 V |
| | Power Consumption | 5 W • 7.5 W (IR illuminator on) |
| Humidity max. 95%, relative (non-condensing) | Operating Temperature | -30°C ~ 60°C |
| | Humidity | max. 95%, relative (non-condensing) |





IP Camera with video content analysis based on Deep Learning NVIP-2VE-6501/F

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

