

12 MPX IP Motor-zoom Camera with video content analysis based on Deep Learning

NVIP-12H-6522M/F



KEY FEATURES



•Resolution: 12 MPX •Lens: motorized, auto-iris and auto-focus function, f=2.8 ~ 12 mm/F1.4 •Human/Vehicle Object Classification

•D/N function - IR cut filter

•Video content analysis based on Deep Learning

microSD card supporttwo-way audio

•Min. Illumination: 0.006 lx (0 lx, IR on)

• IR LED, range up to 70 m (depends on current optical zoom value)

COMPLIANCE



DIMENSIONS





280 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 Sensor | 12 MPX CMOS sensor 1/1.7" SONY Exmor R STARVIS |
|---|--|
| Number of Effective Pixels | 4072 (H) x 3046 (V) |
| Min. Illumination | 0.006 lx/F1.4 - 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 |
| 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 | motorized, auto-iris function, f=2.8 \sim 12 mm/F1.4 |
| Auto-focus | zoom trigger, day/night mode trigger, manual trigger |
| DORI | |
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 86m, O: 34m, R: 17m, I: 9m • for f = 12mm - D: 190m, O: 76m, R: 38m, I: 19m |
| DAY/NIGHT | |
| Mode | day/night switching: mechanical IR cut filter |
| Switching Mode | auto, manual, time |
| Switching Level Adjustment | yes |
| Switching Delay | 2 ~ 6000 s |
| Visible Light Sensor | yes |
| NETWORK | |
| Stream Resolution | 4000 x 3000, 3840 x 2160 (4K Ultra HD), 3200 x 1800 (QHD+), 2688 x 1520, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 480 x 240 |
| Frame Pate | 20 fpc for each recolution |

Frame Rate30 fps for each resolutionMultistreaming Modenumber of streams: 5Video/Audio CompressionH.264, H.264+, H.265, H.265+, MJPEG/G.711Number of Simultaneous Connectionsmax. 10



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| Bandwidth | 82 Mb/s in total |
|---------------------------------|--|
| Network Protocols Support | HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5. |
| | RTMP, HTTP POST |
| Camera Configuration | from Internet Explorer, Edge, Firefox, Chrome, Opera 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 | tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, zone violation, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, target counting by area |
| OTHER FUNCTIONS | |
| Security | video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, authorization Basic for HTTP, 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, lens distortion correction |
| 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, alarm output activation |
| Restoring default settings | via web browser, using reset button, via NMS IPTool software, via IP Tool 6000 software |
| IR LED | |
| LED Number | 4 |
| Range | up to 70 m (depends on current optical zoom value) |
| Smart IR | yes (software support) |
| INTERFACES | |
| Video Output | BNC, 1.0 Vp-p, 75 Ohm |
| Audio Input/Output | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in 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 512GB |
| INSTALLATION PARAMETERS | |
| Dimensions (mm) | with bracket: 101 (W) x 89 (H) x 280 (L) |
| Weight | 1.1 kg |
| Degree of Protection | IP 67 (details in the user's manual) |
| Enclosure | aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating • enclosure type: 4H-B |
| Power Supply | 12 VDC, PoE (IEEE 802.3af, Klasa 3) |
| | |





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| Surge protection | TVS 4000 V |
|-----------------------|-------------------------------------|
| Power Consumption | 8.5 W • 13 W (IR illuminator on) |
| Operating Temperature | -30°C ~ 60°C |
| Humidity | max. 95%, relative (non-condensing) |

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

