NoVus

Vandal Proof IP Camera with Fisheye Lens

NVIP-12F-8001





FUNCTIONS























- •Resolution: 12 MPX
- •Lens: fisheye, f=1.8 mm/F2.4 •D/N function IR cut filter •Video content analysis

- •microSD card support
 •Min. Illumination from 0.04 lx (0 lx, IR on)
- •IR LED, range up to 10 m

DIMENSIONS









| Image | |
|---|--|
| Image Sensor | 12 MPX CMOS sensor 1/1.7" SONY Exmor R STARVIS |
| Number of Effective Pixels | 4072 (H) x 3046 (V) |
| Min. Illumination | 0.04 lx/F2.4 - color mode, 0 lx (IR on) - B/W mode |
| Electronic Shutter | auto: 1/5 s ~ 1/20000 s |
| Digital Slow Shutter (DSS) | up to 1/5 s |
| Wide Dynamic Range (WDR) | yes |
| Digital Noise Reduction (DNR) | 2D, 3D |
| Defog Function (F-DNR) | yes |
| Highlight Compensation (HLC) | yes |
| Back Light Compensation (BLC) | yes |
| Lens | |
| Lens Type | fisheye, f=1.8 mm/F2.4 |
| Day/Night Day/Night | |
| Switching Type | mechanical IR cut filter |
| Switching Mode | auto, manual, time |
| Switching Level Adjustment | yes |
| Switching Delay | 0 ~ 180 s |
| Switching Schedule | yes |
| Visible Light Sensor | yes |
| Network | |
| Stream Resolution | 4000 x 3000, 4000 x 2000, 3840 x 2160 (4K Ultra HD), 3000 x 3000, 2560 x 2560, 1920 x 1080 (Full HD), 1280 x 960, 704 x 576, 720 x 720 |
| Multistreaming Mode | number of streams: 2 |
| Video/Audio Compression | H.264, H.264 Smart, H.265, H.265 Smart, MJPEG/G.711, RAW_PCM |
| Number of Simultaneous Connections | max. 8 |
| Bandwidth | 30 Mb/s in total |
| Network Protocols Support | HTTP, TCPIP, IP-4, UDP, HTTPS, Multicast, FTP, DHCP, DNS, NTP, RTSP, RTP, UPnP, IEEE 802.1X, PPP0E, SMTP, RTCP, SSL, ICMP, Unicast from Internet Explorer browser |
| Camera Configuration Compatible Software | Inom Internet Explorer browser Ianguages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS. NOVUS MANAGEMENT SYSTEM AC |
| | |
| | HOTOS PANDOEMENT STSTEM TSS, NOTOS PANDOEMENT STSTEM AC |
| Video Analytics | |
| Functions | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking |
| | |
| Functions | |
| Functions Other functions Privacy Zones Motion Detection | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiker, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180* image rotation, mirror effect |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180' image rotation, mirror effect up to 5 MB/up to 86400 s |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prelamm/Postalarm System Reaction to Alarm Events | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180* image rotation, mirror effect |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prelamm/Postalarm System Reaction to Alarm Events IR LED | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prelamm/Rostalarm System Reaction to Alarm Events IR LED LED Number | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, lolter, multi lolter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180' image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, lolter, multi lolter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postslarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output. | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180' image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA/I x RCA, built-in microphone |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postslarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 188* image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180* 1 x RCA/1 x RCA, build-indirections and solutions are solved as a service of the solution and solution and solution and solution and s |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prelammi/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Network Interface | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC/1) 1 x Ethemet Rij-45 interface, 10/100 Mbit/s |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Alarm Input/Output Memory Card Slot | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 188* image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180* 1 x RCA/1 x RCA, build-indirections and solutions are solved as a service of the solution and solution and solution and solution and s |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prelamm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Network Interface | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC/1) 1 x Ethemet Rij-45 interface, 10/100 Mbit/s |
| Eunctions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm) | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC)/1 1 x Ethermet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prelaam/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Alarm Input/Output Network Interface Memory Card Slot Imstallation parameters Dimensions (mm) Weight | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180* image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180* 1 x RCA/1 x RCA, build-indirection microphone 1 (NO/NCI/1 1 x Ethernet - RI-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB |
| Eunctions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm) | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180* image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180* 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC/)1 1 x Ethernet - R-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB 162 (Φ) x 52 (H) 0.7 kg IP 66 (details in the user's manual) |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angie Interface Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm) Weight Degree of Protection Enclosure | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC/)1 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB 162 (Φ) x 52 (H) 0.7 kg IP 66 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble enclosure types iff 1 |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prelamm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Alarm Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm) Weight Degree of Protection | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi- loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180° image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA1 x RCA, built-in microphone 1 (NO/NC/I 1 x Ethernet - Ry-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB 162 (©) x 52 (H) 0.7 kg 19 66 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble enclosure type: 8F1 12 VDC/24 VAC, PoE (IEEE 802.3af, Class 3) |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Alarm Input/Output Insterface Memory Card Slot Installation parameters Dimensions (mm) Weight Degree of Protection Enclosure Power Consumption | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180* image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180* 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC)/1 1 x Ethernet - Ry-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB 162 (©) x 52 (H) 0.7 kg IP 66 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble enclosure type: 8F1 12 VDC/24 VAC, PoE (IEEE 802.3af, Class 3) 3.7 W, 9.5 W (IR illuminator on), 5.7 W (Inbater on), 11.3 W (IR and heater on) |
| Functions Other functions Privacy Zones Motion Detection Region of Interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Alarm Input/Output Installation parameters Dimensions (mm) Weight Degree of Protection Enclosure Power Supply Power Consumption Operating Temperature | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180 'image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180° 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC)/1 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB 162 (0) x 52 (H) 0.7 kg 19 F6 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble enclosure type: 8f1 2 VDC/24 ACP, Det (IEEE 802.3af, Class 3) 3.7 W, 9.5 X W (RI illuminator on), 5.7 W, (heater on), 1.1.5 W (Ik and heater on) -30°C - 60°C |
| Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events IR LED LED Number Range Angle Interfaces Audio Input/Output Alarm Input/Output Alarm Input/Output Insterface Memory Card Slot Installation parameters Dimensions (mm) Weight Degree of Protection Enclosure Power Consumption | tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking 4 yes 8 180* image rotation, mirror effect up to 5 MB/up to 86400 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation 6 10 m 180* 1 x RCA/1 x RCA, built-in microphone 1 (NO/NC)/1 1 x Ethernet - Ry-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB 162 (©) x 52 (H) 0.7 kg IP 66 (details in the user's manual) vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble enclosure type: 8F1 12 VDC/24 VAC, PoE (IEEE 802.3af, Class 3) 3.7 W, 9.5 W (IR illuminator on), 5.7 W (Inbater on), 11.3 W (IR and heater on) |

The following functions are available from software version v3.5.0807.1004.89.0.32.3.6: Video Content Analysis (VCA), H.264 Smart, H.265 Smart, BLC.
Please keep in mind that due to the specific observation area of cameras with a fisheye lens, the effectiveness of the Video Content Analysis (VCA) function is higher in the central part of the scene and much lower on its