NoVus

IP Camera with video content analysis based on Deep Learning

NVIP-5H-6511/F

6000 VSS

FUNCTIONS



KEY FEATURES

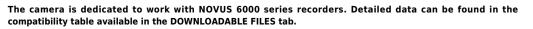
•Resolution: 5 MPX •Lens: fixed focal, f=2.8 mm/F1.6 •Human/Vehicle Object Classification •D/N function - IR cut filter •Video content analysis based on Deep Learning •microSD card support •WDR with double scan sensor •Min. Illumination: 0.009 lx (0 lx, IR on) •IR LED, range up to 50 m

DIMENSIONS





220 mm



| Image | |
|--|---|
| Image Sensor | 5 MPX CMOS sensor 1/2.7" OmniVision |
| Number of Effective Pixels | 2688 (H) x 1944 (V) |
| Min. Illumination | 0.009 kx/F1.6 - color mode, 0 kx (IR on) - B/W mode |
| Electronic Shutter | auto/manual: 1/3 s ~ 1/10000 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 | |
| Switching Type | mechanical IR cut filter |
| Switching Mode | auto, manual, time |
| Switching Level Adjustment | yes |
| Switching Delay | 2 ~ 120 s |
| Switching Schedule | yes |
| Visible Light Sensor | yes |
| Network | |
| Stream Resolution | 2560 x 1440 (QHD), 2592 x 1520, 2592 x 1944, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 576, 704 x 480, 352 x 288 (ClF), 352 x 240, 480 x 240 |
| Frame Rate | 30 fps for 2592 x 1944, 60 fps for 1920 x 1080 (Full HD) and lower resolutions |
| Multistreaming Mode | 3 streams |
| Video/Audio Compression | H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711 |
| Number of Simultaneous Connections | max. 10 |
| Bandwidth | 60 Mb/s in total |
| Network Protocols Support | HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X PPPoE, SMTP, RTCP, ICMP, 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 | SuperLive Plus (iPhone, Android) |
| Other functions | |
| | |
| Privacy Zones | 4 video mask type: single color |
| | 4 video mask type: single color yes |
| Privacy Zones | |
| Privacy Zones Motion Detection | yes 8 tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, |
| Privacy Zones Motion Detection Region of interest (ROI) | yes 8 tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) | yes 8 tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, larget counting by area 180° image rotation, skaprening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing | yes 8 tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map. scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, target counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm | yes 8 tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, velicle counting, target counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealamt/Postalarm System Reaction to Alarm Events Restoring default settings | yes 8 8 tamper, line cross, zone entrance, zone exit, object counting, multi ioiter, face detection, pedestrian detection, cross, counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, velicile counting, target counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealami/Postalarm System Reaction to Alarm Events Restoring default settings IR LED | yes 8 Tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, larget counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealamu/Postalarm System Reaction to Alarm Events Restoring default settings It LED LED Number | yes 8 8 1 1 amper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, target counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range | yes 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR | yes 8 8 1 1 amper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, target counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interfaces | yes 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
| Privacy Zones Motion Detection Region of Interest (ROI) Video Content Analysis (VCA) Image Processing Prealamu/Postalarm Prealamu/Postalarm System Reaction to Alarm Events Restoring default settings Ite LED LED Number Range Smart IR Iterfaces Audio Input/Output | yes 8 1 amper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, larget counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS iPTool software 2 50 m yes (software support) 1 x jack (3.5 mm)/- |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Mumber Range Smart IR Interfaces Audio Input/Output Network Interface | yes 8 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interface Audio Input/Output Network Interface Memory Card Slot | yes 8 1 2 3 2 3 2 2 3 2 2 3 2 2 3 2 3 2 3 3 2 3 3 2 3 |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Mumber Range Smart IR Interfaces Audio Input/Output Network Interface | yes 8 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interface Audio Input/Output Network Interface Memory Card Slot | yes 8 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings RELD LED Number Range Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Installation parameters | yes 8 1 tamper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross, zone entrance, zone change, video burred, video color cast, objects distinguishing, people counting, heat map, scene change, video burred, video color cast, objects distinguishing, people counting, vehicle counting, may area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software 2 5 on yes (software support) 1 x jack (3.5 mm)/- 1 x Ethermet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256G8 |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm) | yes 8 1 amper, line cross, zonse entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross counting, hart map, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, traget counting by area 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 slup to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software 2 5 on yes (software support) 1 1 1 1 1 1 1 1 2 5 on 1 1 1 1 1 1 1 1 1 2 3 4 4 5 5 6 1 1 3 <t< td=""></t<> |
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| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Mumber Range Smart IR Interface Muolo Input/Output Network Interface Memory Card Solt Intensions (mm) Weight Degree of Protection | yes 8 1 adtection, cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross, zone entrance, zone exit, object counting, wideo color cast, objects distinguishing, people counting, whelle counting, larget counting by area 180° image rotation, sharpening, mirror effect, coridor mode, vertical flip, horizontal flip, lens distortion correction 100 to slup to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software 2 50 m yes (software support) 1 x lack (3.5 mm)/- 1 x Lethernet - RJ-45 interface, 10/100 Mbitys microSD - capacity up to 256GB with bracket: 81 (W) x 81 (H) x 220 (L) 0.7 kg IP 67 (details in the user's manual) |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IB LED DUmber Range Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Interlation parameters Dimensions (mm) Weight Degree of Protection | yes 8 1 amper, line cross, zone entrance, zone exit, object counting, multi loiter, face detection, pedestrian detection, cross, zone entrance, zone exit, object counting, withi object counting, bear map, scene change, video burred, video color cast, objects distinguishing, people counting, webicle counting, may area 10° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card via web browser, using reset button, via NMS IPTool software 2 50 m yes (software support) 1 1 x jack (3.5 mm)/- 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB with bracket: 81 (W) x 81 (H) x 220 (L) 0.7 kg P 67 (details in the user's manual) aluminium, white, fully cable managed wall mount bracket in-set included |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings It EDD LED Number Range Smart IR Interfaces Audio Input/Output Network. Interface Dimensions (mm) Weight Degree O Frotection Enclosure Processing | yes 8 8 1 1 1 2 2 30 30 30 31 32 33 33 34 35 36 37 38 38 38 39 39 39 39 30 30 30 30 30 31 32 33 34 35 35 36 36 37 38 38 38 39 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 30 31 32 32 33 33 <t< td=""></t<> |
| Privacy Zones Motion Detection Region of interest (ROI) Video Content Analysis (VCA) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings Retoring default settings IR LED LED Number Andio Input/Output Andio Input/Output Network Interface Memory Card Stot Interfaces Dimensions (mm) Weight Degrees of Protection Encosure Provers Supply Surge protection | yes 8 9 100 1100 |



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