NOVUS

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

NVIP-2H-6502M/F





FUNCTIONS





















- •Resolution: 2 MPX (Full HD)
- •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 support
- •WDR with double scan sensor
 •Min. Illumination: 0.003 lx (0 lx, IR on)
- •IR LED, range up to 50 m

DIMENSIONS



81 mm



l mm

Power Consumption Operating Temperature

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 Sensor	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.003 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
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	motorized, auto-iris function, f=2.8 ~ 12 mm/F1.4
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
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	yes
Network	
Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240
Frame Rate	30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
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
Bandwidth Network Protocols Support	60 Mb/s in total HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSI/TLS
	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, OoS/DSCP,
Network Protocols Support ONVIF Protocol Support Camera Configuration	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPP6E, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G/S from Internet Explorer browser languages: Polish, English, Russian, and others
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPOE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G/S from Internet Explorer browser
Network Protocols Support ONVIF Protocol Support Camera Configuration	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPP6E, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G/S from Internet Explorer browser languages: Polish, English, Russian, and others
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPOE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPOE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPvP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G7 from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions	HTTP. TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, OoS/DSCP, IEEE 802.1X, IPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile (25) from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects
Network Protocols Support ONIVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, OoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones	HTTP, TCPJIP, IPv4, IPv4Vc, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPOE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile (57) from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, seene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, OoS/DSCP, IEEE 802.1X, IPPD6E, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile (25) from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI)	HTTP, TCPJP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, IPPOBE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile (5) from Internet Explorer browser languages: Polish, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, seene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180' image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PProfile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm	HTTP, TCP/IP, IPv4, IPv4/V6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPvP, SNMP, QoS/DSCP, IEEE 802.1X, PPoP6, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G7 from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PProfile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PProfile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPoP6, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G/S from Internet Explorer browser languages: Polit, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180' 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number	HTTP, TCP/IP, IPv4, IPv4/V6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS Profile G7 from Internet Explorer browser languages: Polish, English, Nussian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PProfile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPGE, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interfaces	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPP06, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interfaces Audio Input/Output	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, IPPD6E, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° image rotation, sharpening, mirror effect, corridor mode, vertical filp, horizontal filp, 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)
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) Image Processing Prealarm/Postalarm System Reaction to Alarm Events Restoring default settings IR LED LED Number Range Smart IR Interfaces Audio Input/Unput Network interface	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPGE, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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)/- 1 x Ethernet - Rj-45 interface, 10/100 Mbit/s
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) 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	HTTP, TCP/IP, IPv4, IPv4Iv6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, IPPDGE, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction up to 6 s/up to 120 s -mail, -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)/- 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB
Network Protocols Support ONVIF Protocol Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) 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	HTTP, TCP/IP, IPv4, IPv4, IV, ALDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PProfile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestran detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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)/- 1 x Ethernet - R)-45 interface, 10/100 Mbit/s
Network Protocols Support ONNIF Protocols Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) 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 Memony Card Slot Installation parameters Dimensions (mm)	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPoPe, SMTP, RTCP, ICMP, Unicast, SSL/TLS from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (iPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180' 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)/- 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 128GB with bracket: 81 (W) x 81 (H) x 220 (L)
Network Protocols Support ONVIF Protocols Support Camera Configuration Compatible Software Mobile applications Video Analytics Functions Other functions Privacy Zones Motion Detection Region of interest (ROI) 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) Weight	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPvP, SNMP, QoS/DSCP, IEEE 802.1X, PProfile G/S from Internet Explorer browser languages: Polish, English, Russian, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 SuperLive Plus (IPhone, Android) tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, pedestrian detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle detection, vehicle counting 4 video mask type: single color or 1 video mask type: mosaic yes 8 180° 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)/- 1 x Ethernet - R)-45 interface, 10/100 Mbit/s microSD - capacity up to 128G8 with bracket: 81 (W) x 81 (H) x 220 (L) 0.7 kg

-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).