NOVUS

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

NVIP-4H-6522M/F-II





KEY FEATURES

















- •Lens: motorized, auto-focus function, $f=2.8 \sim 12$ mm/F1.3
- 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
- •two-way audio
- •Min. Illumination: 0.003 lx (0 lx, IR on)
- •IR LED, range up to 70 m

COMPATIBILITY





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

INAGE	
Image Sensor	4 MPX CMOS sensor 1/3" SmartSens
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.003 lx/F1.3 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/2 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/2 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, f=2.8 ~ 12 mm/F1.3
Auto-focus	zoom trigger, day/night mode trigger, manual trigger

DORI

DORI (Detection, Observation,	for f = 2.8mm - D: 58.91m, O: 23.56m, R: 11.78m, I: 5.89m • for f =
Recognition, Identification)	12mm - D: 205.99m, O: 82.40m, R: 41.20m, I: 20.60m

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, 2304 x 1296, 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 each resolution • 60 fps for 1920 x 1080 (Full HD) and lower resolutions
Multistreaming Mode	number of streams: 3







4 MPX IP Motor-zoom Camera with video content analysis based on Deep Learning NVIP-4H-6522M/F-II

Number of Simultaneous Connectionsmax. 10 Bandwidth 50 Mb/s in total Network Protocols Support HTP, IPv4, IPv4, IPv4, IVP, HTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, IPv4, IPv4, IVPA, IVPA, EBB SQ.1X, PPPoE, SMTP, RTCP, RTMP 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 60000 Mobile applications SuperLive Plus (IPhone, Android) VIDEO ANALYTICS Functions lamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, great repairs of the property of	Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Network Protocols Support UTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPvP, SMNP, QoS, IEEE 802.1X, PPD6E, SMTP, RTCP, RTMP 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 60000 Mobile applications SuperLive Plus (IPhone, Android) VIDEO ANALYTICS Functions tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video blurred, video color cast, object distinguishing, people counting, which counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, which counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, which counting, intrusion detection, target counting by area, video metadata OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 12 0 s System Reaction to Alarm Events e-mails, 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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB INSTALLATION PARAMETERS Dimensions (mm) with bracket: 101 (W) x 89 (H) x 280 (L) Weight 1.1 kg Degree o	Number of Simultaneous Connection	nsmax. 10
UPRP, SMNP, QoS, IEEE 802.1X, PPPOE, SMTP, RTCP, RTMP 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 VIDEO ANALYTICS Functions tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video bitured, video color cast, object distinguishing, people counting, vehicle counting, intrusion detection, target counting by area, video metadata OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 x Ethernet - R)-45 Interface, 10/100 Mbit/s microSD - capacity up to 256GB INSTALLATION PARAMETERS Dimensions (mm) with bracket: 101 (W) x 89 (H) x 280 (L) Weight 1.1 kg Degree of Protection Pof (details in the user's manual) Enclosure aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating Power Supply	Bandwidth	50 Mb/s in total
Ianguages: Polish, English, and others NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 Mobile applications VIDEO ANALYTICS Functions tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, 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, video mask type: single color or 4 video mask type: mosaic Motion Detection yes Region of interest (ROI) 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 on SD card, alarm output activation Restoring default settings via web browser, using reset button, via NMS IPTool software IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB INSTALLATION PARAMETERS Dimensions (mm) with bracket: 101 (W) x 89 (H) x 280 (L) Weight 1.1 kg Degree of Protection aluminium, white, fully cable managed wall mount bracket in-set included, jK10 impact rating Power Supply 12 VDC, POE (IEEE 802.3af, Class 3)	Network Protocols Support	
Mobile applications SuperLive Plus (iPhone, Android) VIDEO ANALYTICS Functions tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, wehicle counting, intrusion detection, target counting by area, video metadata OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 IR LED LED Number 4 Range 70 m 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) Audio Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 x Fehernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB INSTALLATION PARAMETERS Dimensions (mm) with bracket: 101 (W) x 89 (H) x 280 (L) Weight 1.1 kg Degree of Protection pla 67 (details in the user's manual) Enclosure aluminium, white, fully cable managed wall mount bracket in-set included, iK10 impact rating Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Camera Configuration	
VIDEO ANALYTICS Functions tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, 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, which color cast, objects distinguishing, people counting, vehicle counting, intrusion detection, target counting by area, video metadata OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 on SD card, alarm output activation Restoring default settings via web browser, using reset button, via NMS IPTool software IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 x No/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - R)-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, POE (IEEE 802.3af, Class 3)	Compatible Software	
tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, object counting, face 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, video metadata Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 on SD card, alarm output activation Restoring default settings via web browser, using reset button, via NMS IPTool software IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 x (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, POE (IEEE 802.3af, Class 3)	Mobile applications	SuperLive Plus (iPhone, Android)
entrance, zone exit, object counting, face detection, detection of people not wearing masks, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, people counting, whiche counting, intrusion detection, target counting by area, video metadata OTHER FUNCTIONS Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, POE (IEEE 802.3af, Class 3)	VIDEO ANALYTICS	
Privacy Zones 4 video mask type: single color or 4 video mask type: mosaic 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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Functions	entrance, zone exit, object counting, 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
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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 rat	OTHER FUNCTIONS	
Region of interest (ROI) 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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Privacy Zones	4 video mask type: single color or 4 video mask type: mosaic
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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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	Motion Detection	yes
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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Region of interest (ROI)	8
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 IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Image Processing	
on SD card, alarm output activation Restoring default settings via web browser, using reset button, via NMS IPTool software IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Prealarm/Postalarm	up to 6 s/up to 120 s
IR LED LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	System Reaction to Alarm Events	
LED Number 4 Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Restoring default settings	via web browser, using reset button, via NMS IPTool software
Range 70 m 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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	IR LED	
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) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	LED Number	4
Video Output BNC, 1.0 Vp-p, 75 Ohm Audio Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Range	70 m
Video Output BNC, 1.0 Vp-p, 75 Ohm Audio Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Smart IR	yes (software support)
Audio Input/Output 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	INTERFACES	
Alarm Input/Output 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Video Output	BNC, 1.0 Vp-p, 75 Ohm
Network Interface 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Memory Card Slot microSD - capacity up to 256GB 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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Memory Card Slot	microSD - capacity up to 256GB
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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	INSTALLATION PARAMETERS	
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 Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Dimensions (mm)	with bracket: 101 (W) x 89 (H) x 280 (L)
Enclosure aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Weight	1.1 kg
included , IK10 impact rating Power Supply 12 VDC, PoE (IEEE 802.3af, Class 3)	Degree of Protection	IP 67 (details in the user's manual)
	Enclosure	
Surge protection TVS 4000 V	Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
	Surge protection	TVS 4000 V







4 MPX IP Motor-zoom Camera with video content analysis based on Deep Learning NVIP-4H-6522M/F-II

Power Consumption	7.5 W • 11 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). Video metadata - video analysis function available on cameras with software version newer or equal to 5.1.2(42545).



