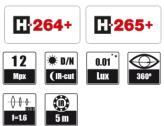


Vandal Proof IP Camera with **Fisheye Lens**

NVIP-12F-4201

4000

FUNCTIONS



COMPLIANCE



KEY FEATURES

•Resolution: 12 MPX •Lens: fisheye, f=1.6 mm/F2.0 •built-in microphone •D/N function - IR cut filter •microSD card support two-way audio •Min. Illumination from 0.01 lx (0 lx, IR on) IR LED, range up to 5 m
 "Two way power" - when connected to a PoE switch, it allows to power the low power

receiver from the camera's power socket

DIMENSIONS



120 mm (Ø)



The camera is dedicated to work with NOVUS 4000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

	Income and the second se	
	Image	
>	Image Sensor	12 MPX CMOS sensor 1/2.3" OmniVision
	Number of Effective Pixels	4096 (H) x 3072 (V)
	Min. Illumination	0.016 lx/F2.0 - 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)	3D
	Highlight Compensation (HLC)	ves
	Back Light Compensation (BLC)	yes
	Reduction of image flicker (Antiflicker)	ves
	Lens	•
	Lens Type	fisheye, f=1.6 mm/F2.0
		isheye, 1=1.0 min/r2.0
	Day/Night	
	Mode	day/night switching: mechanical IR cut filter
	Switching Mode	auto, manual, time
	Switching Delay	1 ~ 36 s
	Switching Schedule	yes
	Visible Light Sensor	yes
	Network	
	Stream Resolution	4000 × 3000, 3000 × 3000, 2560 × 2560, 2160 × 2160, 1520 × 1520, 1280 × 960, 1080 × 1080, 720 × 720, 640 × 480 (VGA)
	Frame Rate	15 fps for, 25 fps for and lower resolutions
	Multistreaming Mode	number of streams: 3 (main stream, sub stream, third stream)
	Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
	Number of Simultaneous Connections	max. 3 connections, (max. 30 streams in total)
	Bandwidth	65 Mb/s in total
	Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, PPPoE, SMTP, P2P, HTML5
oE	Camera Configuration	from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari browser languages: Polish, English, Russian, and others
	Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, N Control 4000
	Mobile applications	RxCamView (iPhone, Android)
	Other functions	
	Other functions	
	Privacy Zones	4 video mask type: single color
	Privacy Zones Motion Detection	yes
	Privacy Zones Motion Detection Region of interest (ROI)	yes 8
	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection	yes 8 yes
ц	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing	yes 8 yes mirror effect, vertical flip, horizontal flip
mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm	yes 8 yes mirror effect, vertical flip, horizontal flip u to 5 s/up to 30 s
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing	yes 8 yes mirror effect, vertical flip, horizontal flip u to 5 s/up to 30 s
55 mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm	yes 8 yes mirror effect, vertical flip, horizontal flip up to 5 S/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cloud storage, Jakyaback of the audio message, push notification
55 mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events	yes 8 yes mirror effect, vertical flip, horizontal flip u to 5 s/up to 30 s
55 mm	Privacy Zones Mation Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent	yes 8 yes miror effect, vertical flip, horizontal flip up to 5 si/up to 30 s e-mail with attachment; saving file on FTP server; saving file on SD card, alarm output activation, saving in the cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages)
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IR LED	yes 8 yes mirror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It ED LED Number	yes 8 yes mirror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cload storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IR LED	yes 8 yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cloud straspe, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m
55 mm	Privacy Zones Mation Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IR LED LED Number Range Smart IR	yes 8 yes mirror effect, vertical flip, horizontal flip up to 5 Sup to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3
55 mm	Privacy Zones Mation Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings EED Number Range Smart IR Interfaces	yes 8 yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mai with attachment, saving file on FIP server, saving file on SD card, alarm output activation, saving in the cloud storage, playback of the audio message, bush notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support)
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IE DD LED Number Range Smart IR Interfaces Audio Input/Output	yes 8 yes mirror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FIP server, saving file on SD card, alarm output activation, saving in the cloud storage, playback of the audio message, push notification audio signaling device (siren, buil-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker
55 mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Retoring default settings IR LED LED Number Range Smart IR Interfaces Audio Input/Output Alarm Input/Output	yes 8 yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarn output activation, saving into icous torsep, palyback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker 1 (NO/NCJ1 relay type (max. 12VDC/300mA)
55 mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings RELD LED Number Range Smart IR Interface Audio Input/Output Aum Input/Output Network Interface Network In	yes 8 yes mirore effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving into the cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker 1 (NO/NC/) relay type (max. 12VDC/300mA) 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
55 mm	Privacy Zones Mation Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IR LO LED Number Range Smart IR Interface Audio Input/Output Alarm Input/Output Alarm Input/Output Methage Memory Card Slot	yes 8 yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FP server, saving file on SD card, alarn output activation, saving into educid storage, palyback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker 1 (NO/NCJ1 relay type (max. 12VDC/300mA)
55 mm	Privacy Zones Motion Detection Region of interest (R0I) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings IE DD ILE D ILE D ILE TARK Audio Input/Output Alarm Input/Output Network Interface Memory Card Slot Installation parameters	yes miror effect, vertical flip, horizontal flip up to 5 Sup to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker 1 (NO/K)/I relay type (max. 12VDC/300mA) 1 x Ethemet -RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256G8
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It ELD LED Number Range Audio Input/Output Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm)	yes % yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FP server, saving file on SD card, alarm output activation, saving into the cloud storage, playback of the audio message, push notification audio signaling device (siren), bulit-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hordware support) bulit-in microphone/speaker 1 (NO/NCI/1 relay type (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (NO/NCI/1 relay type (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (NO/NCI/1 relay type (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (NO/NCI/1 relay type (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (NO/NCI/1 relay type (max. 12VDC/300mA)
55 mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent REDD EDD Number Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm)	yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mai with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving ine he cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker built-in microphone/speaker built-in microphone/speaker 1 x Ethermet - Rj-45 interface, 10/100 Mbit/s micro5 - capacity up to 25G0B 2 12 (00) x 55 (H) 0.5 kg
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It ELD LED Number Range Audio Input/Output Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm)	yes % yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mai with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving into he cloud storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button web browser, using reset button 6 5 5 m yes (hardware support) built-in microphone/speaker 1 (NO/NC/J1 relay type (max. 12/VDC/300mA) 1 x Ethernet - Ry-45 interface, 10/100 Mbit/s microSD - capacity up to 256G8 120 (Φ) x 55 (H) 0.5 kg IP 66 (details in the user's manual)
55 mm	Privacy Zones Motion Detection Region of Interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent REDD EDD Number Smart IR Interfaces Audio Input/Output Network Interface Memory Card Slot Installation parameters Dimensions (mm)	yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving ine ie cloud storage, palyback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hardware support) built-in microphone/speaker 1 (NO/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (NO/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1 (O/NC/J1 relay tope (max. 12VDC/300mA) 1 x Ethermet - R)-45 interface, 10/100 Mbit/s microphone/speaker 1
55 mm	Privacy Zones Motion Detection Region of Interest (ROJ) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Retoring default settings IR LED LED Number Range Audio Input/Output Alarm Input/Output Network Interface Immoder Dimensions (mm) Weight Dimensions (mm) Enclosure	yes 8 yes 9 miror effect, vertical flip, horizontal flip 9 up to 5 s/up to 30 s 9 e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving file hor CPD server, saving file on SD card, alarm output activation, saving file hor CPD server, saving file on SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor SD card, alarm output activation, saving file hor CPD server, saving file hor C
55 mm	Privacy Zones Motion Detection Region of interest (R0I) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It EDD LED Number Range Smart IR Interfaces Audio Input/Output Alarm Input/Output Nemory Card Slot Interfaces Dimensions (mm) Bergere of Protection Enclosure Enclosure	yes miror effect, vertical flip, horizontal flip up to 5 Sup to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving into e-doad storage, playback of the audio message, push notification audio signaling device (siren), built-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes (hordware support) built-in microphone/speaker 1 (NO/KC)I relay type (max. 12VDC/300mA) 1 x Ethemet - R)-45 interface, 10/100 Mbit/s microS0 - capacity up to 256G8 120 (o) x 55 (H) 0.5 kg P 66 (details in the user's manual) vandalprof, aluminum, white enclosure type: «F
55 mm	Privacy Zones Motion Detection Region of interest (R0I) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It ED LED Number Range Smart IR Interfaces Audio Input/Output Alarm Input/Output Network Interface Dimensions (mm) Beigree of Protection Enclosure Enclosure Server Supply Surge protection	yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cload storage, playback of the audio message, push notification audio signaling device (siren), bulk-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes audio aud
55 mm	Privacy Zones Motion Detection Region of interest (ROI) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It EDD LED Number Range It Beth Dudio Input/Output Adio Input/Output Nemory Card Sot Dienensions (mm) Deigree of Protection Deigree of Protection Enclosure Prover Supply Surg protection	yes miror effect, vertical flip, horizontal flip up to 5 s/up to 30 s e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving in the cload storage, playback of the audio message, push notification audio signaling device (siren), bulit-in speaker (custom voice messages) via web browser, using reset button 3 5 m yes audio au
55 mm	Privacy Zones Motion Detection Region of interest (R0I) Audio Detection Image Processing Prealarm/Postalarm System Reaction to Alarm Events Determent Restoring default settings It ED LED Number Range Smart IR Interfaces Audio Input/Output Alarm Input/Output Network Interface Dimensions (mm) Beigree of Protection Enclosure Enclosure Server Supply Surge protection	yes 8 yes 9 miror effect, vertical flip, horizontal flip 9 up to 5 s/up to 30 s 9 e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, saving into the cloud storage, playback of the audio message, push ontification 9 audio signaling device (siren), built-in speaker (custom voice messages) 9 yu web browser, using reset button 9 3 9 5 m 9 yes (hardware support) 9 built-in microphone/speaker 10 1 (NO/KC)/I relay type (max. 12VDC/300mA) 1 1 x Ethemet - R)45 interface, 10/100 Mbit/s 9 120 (0) x 55 (H) 0 0.5 kg 9 P 66 (details in the user's manual) 1 Vandaproof, aluminium, whate 1 custores: effect 1 2 VDC; hoe (IEEE 802.3af, Kasa 3) 1 T X5 6000 V 3

