NoVus

Vandal Proof IP Camera with Fisheye Lens

NVIP-12F-4201





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

COMPLIANCE



DIMENSIONS







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.

IMAGE

IIIAGE		
Image Sensor	ge 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)	yes	
Back Light Compensation (BLC)	yes	
Reduction of image flicker (Antiflicker)	yes	

LENS

Lens Type	fisheye, f=1.6 mm/F2.0
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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 x 3000, 3000 x 3000, 2 1280 x 960, 1080 x 1080, 72	560 x 2560, 2160 x 2160, 1520 x 1520, 0 x 720, 640 x 480 (VGA) stream, sub stream, third stream)	
	stream, sub stream, third stream)	
Multistreaming Mode number of streams: 3 (main	, , , , , , , , , , , , , , , , , , , ,	
Video/Audio Compression H.264, H.264+, H.265, H.265	H.264, H.264+, H.265, H.265+, MJPEG/G.711	
Number of Simultaneous Connectionsmax. 3 connections, (max. 3	O streams in total)	
Bandwidth 65 Mb/s in total		
7	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, PPPoE, SMTP, P2P, HTML5	
	from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari browse • languages: Polish, English, Russian, and others	
Compatible Software NOVUS MANAGEMENT SYSTE	NOVUS MANAGEMENT SYSTEM VSS, N Control 4000	
Mobile applications ipGO 4 (iPhone, Android)	ipGO 4 (iPhone, Android)	







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OTHER	FIINC:	FIANC

OTHER FUNCTIONS		
Privacy Zones	4 video mask type: single color	
Motion Detection	yes	
Region of interest (ROI)	8	
Audio Detection	yes	
Image Processing	mirror effect, vertical flip, horizontal flip	
Prealarm/Postalarm	up to 5 s/up to 30 s	
System Reaction to Alarm Events	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	
Determent	audio signaling device (siren), built-in speaker (custom voice messages)	
Restoring default settings	via web browser, using reset button	
IR LED		
LED Number	3	
Range	5 m	
Smart IR	yes (hardware support)	
INTERFACES		
Audio Input/Output	built-in microphone/speaker	
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)	120 (Φ) x 55 (H)	
Weight	0.5 kg	
Degree of Protection	IP 66 (details in the user's manual)	
Enclosure	vandalproof, aluminium, white • enclosure type: 4F	
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)	
Surge protection	TVS 6000 V	
Power Consumption	3 W • 5 W (IR illuminator on)	
Operating Temperature	-35°C ~ 60°C	

max. 95%, relative (non-condensing)



Humidity