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)
- \bullet 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 $\ensuremath{\mathsf{DOWNLOADABLE}}$ FILES tab.

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)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	fisheye, f=1.6 mm/F2.0	

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 x 3000, 3000 x 3000, 2560 x 2560, 2160 x 2160, 1520 x 1520, 1280 x 960, 1080 x 1080, 720 x 720, 640 x 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 Conne	ctionsmax. 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	
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	

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Mobile applications	RxCamView (iPhone, Android)
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 (Ф) 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, Klasa 3)
Surge protection	TVS 6000 V
Power Consumption	3 W • 5 W (IR illuminator on)
Operating Temperature	-35°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)



