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, Class 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) |
| | |



