



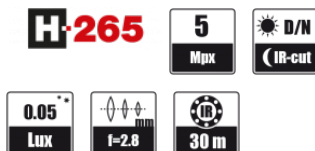
Vandal Proof IP Camera

NVIP-5VE-4231



4000 VSS IP

FUNCTIONS



KEY FEATURES

- Resolution: 5 MPX
- Lens: fixed focal, f=2.8 mm/F1.6
- support for Chrome, Firefox, Opera, Safari browsers
- D/N function - IR cut filter
- microSD card support
- Min. Illumination: 0.05 lx (0 lx, IR on)
- IR LED, range up to 30 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



Image	
Image Sensor	5 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	2592 (H) x 1944 (V)
Min. Illumination	0.05 lx/F1.2 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/5 s - 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes
Lens	
Lens Type	fixed focal, f=2.8 mm/F1.6
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Delay	1 - 36 s
Visible Light Sensor	yes
Network	
Stream Resolution	2592 x 1944, 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	20 fps for 2592 x 1944, 25 fps for 2592 x 1520, 30 fps for 2304 x 1296 and lower resolutions
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connections	max. 7
Bandwidth	20 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, SMTP, P2P, HTML5
ONVIF Protocol Support	Profile S/G
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera, Safari browser languages: Polish, English, Russian, and others
Compatible Software	NMS
Mobile applications	RxCamView (iPhone, Android)
Other functions	
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Audio Detection	yes
Image Processing	180° image rotation, 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, saving in the cloud storage
Restoring default settings	via web browser, using reset button
IR LED	
LED Number	2
Range	30 m
Smart IR	yes (hardware support)
Interfaces	
Audio Input/Output	built-in microphone
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB
Installation parameters	
Dimensions (mm)	100 (Φ) x 90 (H)
Weight	0.43 kg
Degree of Protection	IP 67 (details in the user's manual)
Enclosure	vandalproof aluminium, white
Power Supply	PoE, 12 VDC
Surge protection	TVS 4000 V
Power Consumption	1.5 W, 4 W (IR illuminator on)
Operating Temperature	-30°C - 60°C
Humidity	max. 95% relative (non-condensing)