

KEY FEATURES

Bullet IP Camera with PIR detector NVIP-2H-4231/PIR



NoVus .

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: Construction Image: Construction

Resolution: 2 MPX
Lens: fixed focal, f=2.8 mm/F2.2
built-in microphone
D/N function - IR cut filter
reduction of false alarms - PIR detector
microSD card support
Min. Illumination: 0.1 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

COMPLIANCE



DIMENSIONS



in the co	ompatibility tab	ie avaliable in t	ne downloada	BLE FILES tab.	
IMAGE					

Image Sensor	2 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.1 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/F2.2
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 37.3m, O: 15m, R: 7.5m, I: 3.7m
DAY/NIGHT	
Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Delay	1 ~ 36 s
Visible Light Sensor	yes
NETWORK	
Stream Resolution	1920 x 1080 (Full HD), 640 x 480 (VGA)
Frame Rate	30 fps for • 20 fps for
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connection	onsmax. 10
Bandwidth	40 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SMTP





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Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others		
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC		
OTHER FUNCTIONS			
Privacy Zones	4 video mask type: single color		
Motion Detection	yes		
PIR detector	range up to 7 m		
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)	with bracket: 71 (Φ) x 150 (L)		
Weight	0.4 kg		
Degree of Protection	IP 66 (details in the user's manual)		
Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)		
Surge protection	TVS 4000 V		
Power Consumption	1.5 W • 4 W (IR illuminator on)		
Operating Temperature	-30°C ~ 55°C		
Humidity	max. 95%, relative (non-condensing)		

