NoVus

Bullet IP Camera Starlight PRO DUO

NVIP-2H-4231/WL





FUNCTIONS

























KEY FEATURES

- •Resolution: 2 MPX

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 Lens: fixed focal, f=3.6 mm/F1.0
 built-in microphone
 D/M function IR cut filter
 microSD card support
 Min. Illumination: 0.0005 lx (0 lx, IR on)
 IR LED, range up to 30 m
 white LED illuminator, range up to 25 m
 "Time way power", when connected to a
- •"Two way power" when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

DIMENSIONS





Humidity

74 mm (Ø)



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	
Image Sensor	2 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	1920 (H) x 1080 (V)
	0.0005 lx/F1.0 - color mode,
Min. Illumination	0 Ix (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
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes
Lens	
Lens Type	fixed focal, f=3.6 mm/F1.0
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 3.6mm - D: 48m, O: 19m, R: 9.6m, I: 5m
Day/Night	1011 - 3.0mm S. 40m, G. 23m, H. 3.0m, H. 3m
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	1920 x 1080 (Full HD), 640 x 480 (VGA)
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connections	max. 10
Bandwidth	40 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, SMTP, P2P
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
Mobile applications	RxCamView (iPhone, Android)
Other functions	Tocalities (intole, Aldold)
Privacy Zones Motion Detection	4 video mask type: single color
	yes
Image Processing Prealarm/Postalarm	180° image rotation, vertical flip, horizontal flip
	up to 5 s/up to 30 s
System Reaction to Alarm Events Determent	e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage white LEDs, steady/flashing light,
Restoring default settings	white LEDs, steady, inashing light, via web browser, using reset button
	via web browser, using reset button
IR LED	
LED Number	2
Range	30 m
Smart IR	yes (hardware support)
White light illuminator	
LED Number	2, warm white color
Range	25 m
Smart Light	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: 74 (Φ) x 151 (L)
Weight	With bracket: 74 (Φ) x 151 (L) 0.38 kg
Degree of Protection	U.36 kg IP 66 (details in the user's manual)
	aluminium, white, fully cable managed wall mount bracket in-set included
Enclosure	aiuminium, white, fully cable managed wall mount bracket in-set included enclosure type: 4H-B
Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 3)
Surge protection	TVS 4000 V
Power Consumption	1.2 W, 3.5 W (IR illuminator on), 3.3 W (white light illuminator on), 5.6 W (IR and white light illuminators on)
Operating Temperature	-30°C ~ 60°C

max. 95%, relative (non-condensing)