Bullet IP Camera Starlight PRO DUO

NVIP-2H-4231/WL

KEY FEATURES

- Resolution: 2 MPX
- Lens: fixed focal, f=3.6 mm/F1.0
- built-in microphone
- D/N 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
- "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 DOWNLOADABLE FILES tab.

IMAGE

Image Sensor	2 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.0005 lx/F1.0 - 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
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

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

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74 mm (Ø)

151 mm

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

Privacy Zones	4 video mask type: single color
Motion 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
Determent	white LEDs, steady/flashing light,
Restoring default settings	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	0.38 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, 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
Humidity	max. 95%, relative (non-condensing)