



Bullet IP Starlight Camera with Motor-zoom Lens

NVIP-2H-4412M/F



4000

VSS
IP

FUNCTIONS



KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized, auto-focus function, f=5.0 ~ 50 mm/F1.6
- IR LED, range up to 80 m
- D/N function - IR cut filter
- Video content analysis
- WDR with double scan sensor
- two-way audio
- Min. Illumination: 0.01 lx (0 lx, IR on)

DIMENSIONS



Image	
Image Sensor	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.01 lx/F1.6 - 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 (double scan sensor), 120dB
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Back Light Compensation (BLC)	yes
Lens	
Lens Type	motorized, f=5.0 ~ 50 mm/F1.6
Auto-focus	zoom trigger, day/night mode trigger, manual trigger
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual
Switching Delay	1 ~ 36 s
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	60 fps for each resolution
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.264+, H.265, H.265+/G.711, G.726, ADPCM
Number of Simultaneous Connections	max. 10
Bandwidth	32 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, 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	
Privacy Zones	4
Motion Detection	yes
Region of Interest (ROI)	8
Audio Detection	yes
Video Content Analysis (VCA)	tamper, abandoned object, object disappearance, line cross, zone entrance, face detection, pedestrian detection, cross counting, face recognition
Image Processing	180° image rotation, corridor mode, vertical flip, horizontal flip
Prealarm/Postalarm	up to 5 s/up to 300 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, alarm output activation, saving in the cloud storage
IR LED	
LED Number	8
Range	80 m
Angle	130°
Smart IR	yes (software support)
Interfaces	
Video Output	BNC, 1.0 Vp-p, 75 Ohm
Audio Input/Output	1 x RCA/1 x RCA
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Installation parameters	
Dimensions (mm)	with bracket: 90 (W) x 90 (H) x 300 (L)
Weight	1.5 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	2 W, 9 W (IR illuminator on)
Operating Temperature	-35°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)