NOVUS

Bullet IP Camera with Motor-zoom Lens
NVIP-4H-8002M

8000 VSS IP

KEY FEATURES

VCA ANALYSIS | H.265 SMART

4 Mpx | D/N IR-cut | 0.06 Lux | f=2.7~12 mm | IR 30 m

- Resolution: 4 MPX
- Lens: motorized, auto-iris and auto-focus function, f=2.7 ~ 12 mm/F1.3
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- Min. Illumination from 0.06 lx (0 lx, IR on)
- IR LED, range up to 30 m

DIMENSIONS

83 mm (Ø)

265,5 mm

IMAGE

Image Sensor	4 MPX progresive scan CMOS sensor 1/3" OmniVision
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.06 lx/F1.3 - 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 Image Stabilization (DIS)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes

LENS

Lens Type	motorized, auto-iris function, f=2.7 ~ 12 mm/F1.3
Auto-focus	zoom trigger, day/night mode trigger, manual trigger

DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	0 ~ 180 s
Switching Schedule	yes
Visible Light Sensor	yes

NETWORK

Stream Resolution	2560 x 1440 (QHD), 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 320 x 240 (QVGA)
Frame Rate	30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264 Smart, H.265, H.265 Smart, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 8
Bandwidth	21 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, NTP, RTSP, RTP, UPnP, PPPoE, SMTP, RTCP
ONVIF Protocol Support	Profile G/S
Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others

Compatible Software	NOVUS MANAGEMENT SYSTEM VSS

VIDEO ANALYTICS

Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, double line cross, loiter, multi loiter, abnormal speed, wrong direction, illegal parking

OTHER FUNCTIONS

Privacy Zones	4
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180˚ image rotation, sharpening, mirror effect, corridor mode
Prealarm/Postalarm	-/up to 86400 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card

IR LED

LED Number	10
Range	30 m
Angle	90°

INTERFACES

Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only
Audio Input/Output	1 x RCA/1 x RCA
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 128GB

INSTALLATION PARAMETERS

Dimensions (mm)	with bracket: 83 (W) x 80 (H) x 265.5 (L)
Weight	0.85 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	5 W • 9 W (IR illuminator on) • 11.8 W (IR and heater on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 90%, relative (non-condensing)
Built-in Heater/Fan	yes/no

To use the Video Content Analysis functions it is necessary to reduce the first stream frame rate to the 20 fps.