

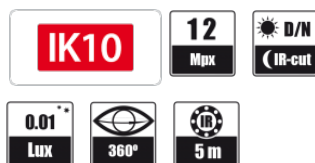


Vandal Proof IP Camera with Fisheye Lens

NVIP-12DN7023V/IR-1P



FUNCTIONS



KEY FEATURES

- Resolution: 12 MPX
- Lens: fisheye, $f=1.65$ mm/F2.8
- D/N function - IR cut filter
- microSD card support
- Min. Illumination from 0.01 lx (0 lx, IR on)
- IR LED, range up to 5 m

DIMENSIONS



Image	
Image Sensor	12 MPX CMOS sensor 1/1.7" SONY Exmor R STARVIS
Number of Effective Pixels	4072 (H) x 3046 (V)
Min. Illumination	0.1 lx/F2.8 - color mode (DSS), 0.01 lx/F2.8 - B/W mode (DSS), 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/1 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Lens	
Lens Type	fisheye, $f=1.65$ mm/F2.8
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time, external, light sensor, smart
Switching Level Adjustment	yes
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	4000 x 3000, 3840 x 2160 (4K Ultra HD), 3072 x 2048, 3200 x 1800 (QHD+), 1920 x 1080 (Full HD), 1280 x 1024 (SXGA), 1280 x 720 (HD), 1024 x 768 (XGA), 800 x 600 (SVGA), 720 x 576 (D1), 640 x 480 (VGA), 352 x 288 (CIF), 320 x 240 (QVGA)
Frame Rate	20 fps for, 30 fps for, 60 fps for and lower resolutions
Multistreaming Mode	number of streams: 4
Video/Audio Compression	H.264, MJPEG/G.711, G.726, AAC, LPCM
Number of Simultaneous Connections	max. 10
Bandwidth	70 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SSL, ICMP, Unicast
ONVIF Protocol Support	Profile G/S
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
Other functions	
Privacy Zones	5
Motion Detection	yes
Audio Detection	yes
Image Processing	90° image rotation, 180° image rotation, sharpening, mirror effect
Prealarm/Postalarm	up to 3 s or 20 frames/up to 9999 s or 20 frames
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, saving file on NAS server, alarm output activation, HTTP notification
IR LED	
LED Number	4
Range	5 m
Angle	95°
Interfaces	
Audio Input/Output	1/1
Alarm Input/Output	1 (NO/NC)/1
Network Interface	1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s
Memory Card Slot	microSD - capacity up to 64GB
Installation parameters	
Dimensions (mm)	117 (Φ) x 55 (H)
Weight	0.4 kg
Enclosure	vandalproof, IK10 impact rating, aluminium, white
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Power Consumption	8.1 W, 10 W (IR illuminator on)
Operating Temperature	-10°C ~ 50°C
Humidity	max. 90%, relative (non-condensing)