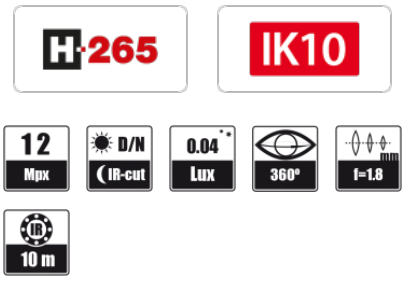
Vandal Proof IP Camera with Fisheye Lens

NVIP-12DN5060V/IRH-2P



KEY FEATURES



- Resolution: 12 MPX
- Lens: fisheye, f=1.8 mm/F2.4
- D/N function - IR cut filter
- microSD card support
- Min. Illumination from 0.04 lx (0 lx, IR on)
- IR LED, range up to 10 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	0.04 lx/F2.4 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes
Digital Image Stabilization (DIS)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes

LENS

Lens Type	fisheye, f=1.8 mm/F2.4

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	4000 x 3000, 4096 x 2160, 3840 x 2160 (4K Ultra HD), 3000 x 3000, 2560 x 2560, 1920 x 1080 (Full HD), 1280 x 960, 704 x 576, 720 x 720
Frame Rate	20 fps for • 25 fps for and lower resolutions
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.265, MJPEG/G.711, RAW_PCM
Number of Simultaneous Connections	max. 8
Bandwidth	30 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, UDP, HTTPS, Multicast, FTP, DHCP, DNS, NTP, RTSP, RTP, UPnP, IEEE 802.1X, PPPoE, SMTP, RTCP, SSL, ICMP, Unicast
ONVIF Protocol Support	Profile S
Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS

Vandal Proof IP Camera with Fisheye Lens
NVIP-12DN5060V/IRH-2P

OTHER FUNCTIONS

Privacy Zones	4
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180˚ image rotation, mirror effect
Prealarm/Postalarm	up to 5 MB/up to 86400 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation

IR LED

LED Number	6
Range	10 m
Angle	180°

INTERFACES

Audio Input/Output	1 x RCA/1 x RCA • built-in microphone
Alarm Input/Output	1 (NO/NC)/1
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 128GB

INSTALLATION PARAMETERS

Dimensions (mm)	162 (Φ) x 52 (H)
Weight	0.7 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble
Power Supply	12 VDC/24 VAC, PoE (IEEE 802.3af, Class 3)
Power Consumption	3.7 W • 9.5 W (IR illuminator on) • 5.7 W (heater on) • 11.5 W (IR and heater on)
Operating Temperature	-30°C ~ 60°C
Built-in Heater/Fan	yes/no