2 MPX Dome IP Camera for internal use with video content analysis based on Deep Learning

NVIP-2D-6502/F

6000 VSS IP

KEY FEATURES

INGENIUS PLUS

FACE DETECTION

H.265 SMART

2 Mpx | D/N IR-cut | 0.0038 Lux | f=2.8~12 | IR 30 m

- Resolution: 2 MPX
- Lens: varifocal, f=2.8 ~ 12 mm/F1.4
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- two-way audio
- Min. Illumination from 0.0038 lx (0 lx, IR on)
- IR LED, range up to 30 m

DIMENSIONS

The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

IMAGE

Image Sensor	2 MPX CMOS sensor 1/2.8" SONY STARVIS
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.0038 lx/F1.4 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/10000 s
Digital Slow Shutter (DSS)	up to 1/3 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	varifocal, f=2.8 ~ 12 mm/F1.4

DAY/NIGHT

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

NETWORK

Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 352 x 288 (CIF), 480 x 240
Frame Rate	30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711
Number of Simultaneous Connections	max. 10
Bandwidth	60 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP
ONVIF Protocol Support	Profile S

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Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	SuperLive Plus (iPhone, Android)

VIDEO ANALYTICS

Functions	tamper, line cross, zone entrance, zone exit, object counting, scene change, video blurred, video color cast, objects distinguishing, face recognition

OTHER FUNCTIONS

Privacy Zones	4
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180˚ image rotation, sharpening, mirror effect, corridor mode, lens distortion correction
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation
Restoring default settings	via web browser, using reset button, via NMS IPTool software

IR LED

LED Number	30
Range	30 m
Angle	90°
Smart IR	yes (software support)

INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm) • built-in microphone
Alarm Input/Output	1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 128GB

INSTALLATION PARAMETERS

Dimensions (mm)	122 (Φ) x 96 (H)
Weight	0.38 kg
Enclosure	plastic, white
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	3 W • 6 W (IR illuminator on)
Operating Temperature	-10°C ~ 40°C
Humidity	max. 95%, relative (non-condensing)

The camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with "F" in the name).