2 MPX Special Purpose IP Camera

NV-2ATM-6701/F



KEY FEATURES

- Resolution: 2 MPX
- Lens: pinhole, f=2.8 mm/F2.2
- miniature camera connected to the main module with 8 alarm inputs and 4 alarm outputs
- Video content analysis based on Deep Learning
- microSD card support
- Min. Illumination from 0.05 lx
- "Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

COMPLIANCE

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
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.05 lx/F2.2 - color mode
Electronic Shutter	auto/manual: 1/25 s ~ 1/50000 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	pinhole, f=2.8 mm/F2.2

DORI

DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 38m, O: 15m, R: 8m, I: 4m

DAY/NIGHT

Switching Mode	auto, manual
Switching Level Adjustment	yes
Switching Delay	2 ~ 60 s

NETWORK

Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 480 x 240
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 3
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 8
Bandwidth	16 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, SSL/TLS, HTML5, RTMP

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Camera Configuration	from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	ipGO 6 (iPhone, Android)

VIDEO ANALYTICS

Functions	tamper, abandoned object, object disappearance, line cross, zone entrance, zone exit, face detection, cross counting, heat map, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, counting objects in the area

OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	corridor mode, vertical flip, horizontal flip
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

INTERFACES

Video Output	BNC, 1.0 Vp-p, 75 Ohm
Audio Input/Output	1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Alarm Input/Output	8 (NO/NC)/4 relay type (max. 12VDC/300mA)
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB

INSTALLATION PARAMETERS

Dimensions (mm)	88 (W) x 25 (H) x 108 (L) - main module • 30 (W) x 30 (H) x 30 (L) - camera
Weight	0.35 kg
Enclosure	Enclosure type: 6SP
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	6 W
Operating Temperature	-30°C ~ +60°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).