



# Dual IP Camera (Thermal/Visual)

NVIP-5H-6711/TA/3



## FUNCTIONS



**H-265**

**IK10**



The camera is dedicated to work with NOVUS 6000 series recorders with software version newer or equal to 1.4.7 (does not apply to PoE ports). Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

## COMPATIBILITY



## KEY FEATURES

- Lens: fixed focal, f=4 mm/F1.6
- thermo dual vision - function allowing to overlay a thermal image on the video image
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- Lens: thermal, f=3.2 mm/F1.1
- Temperature Measurement - Thermal Module.
- Temperature Alarm - Thermal Module
- Ability to observe in total darkness - Thermal Module
- two-way audio
- Min. Illumination: 0.02 lx (0 lx, IR on)
- IR LED, range up to 30 m

## DIMENSIONS



Image - Thermal Module	
Image Sensor	Uncooled FPA Microbolometer
Number of Effective Pixels	256 (H) x 192 (V)
Pixel Size	12 µm
Spectral Range	8 - 14 µm
Thermal Sensitivity	50 mK
Thermovision Modes	White Hot, Black Hot, Rainbow, Iron Oxide Red, Lava Color
Detection Temperature	-20°C ~ 150°C
Lens - Thermal Module	
Lens Type	f=3.2 mm/F1.1
Object Detection Range	133m - human , 409m - vehicle
Object Recognition Range	33m - human , 102m - vehicle
Image	
Image Sensor	5 MPX CMOS sensor 1/2.7" OmniVision
Number of Effective Pixels	2688 (H) x 1944 (V)
Min. Illumination	0.02 lx/F1.6 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/3 s
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	fixed focal, f=4 mm/F1.6
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time, external
Switching Level Adjustment	yes
Switching Delay	2 ~ 120 s
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	2592 x 1944, 2592 x 1520, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 480 x 240, 352 x 288 (CIF) for thermal module: 704x576, 352 x 288 (CIF), 1280x720, 480x240
Frame Rate	30 fps for each resolution
Multistreaming Mode	3 streams
Video/Audio Compression	H.264, H.265, MJPEG/IG.711
Number of Simultaneous Connections	max. 10
Bandwidth	50 Mb/s in total
Network Protocols Support	HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, HTML5
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera, Edge browser languages: Polish, English, and others
Mobile applications	SuperLive Plus (iPhone, Android)
Other functions	
Temperature Measurement	yes
Temperature Alarm	yes - for thermal module
Temperature Measurement Zones	10 - for thermal module polygon, line, point
Temperature Measurement Accuracy	+/- 2°C
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Video Content Analysis (VCA)	tamper, line cross, zone entrance, zone exit, cross counting, Scene Change, Video Blurred, Video Color Cast, intrusion detection for thermal module: line cross, intrusion detection, fire detection, temperature measurement
Image Processing	sharpening, vertical flip, horizontal flip, lens distortion correction
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message
Deterring	white LEDs, flashing light, built-in speaker (predefined or custom voice messages)
Restoring default settings	via web browser, using reset button, via NMS IPTool software
IR LED	
LED Number	2
Range	30 m
Smart IR	yes (software support)

<b>White light illuminator</b>	
LED Number	1, warm white color
Smart Light	yes (software support)
<b>Interfaces</b>	
Audio Input/Output	1 x Jack (3.5 mm)/- built-in speaker
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 256GB
<b>Installation parameters</b>	
Dimensions (mm)	with bracket: 81 (W) x 81 (H) x 220 (L)
Weight	0.73 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	8 W, 9 W (IR illuminator on), 10 W (white light illuminator on), 11 W (IR and white light illuminators on)
Operating Temperature	-30°C - 60°C
Humidity	max. 95% relative (non-condensing)