

Code: DH-IPC-HUM8101

IP CAMERA **DH-IPC-HUM8101** PINHOLE - 1.3 Mpx 3.6 mm DAHUA

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order. If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

- 1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
- 2. Improper results of operation of the product or products related with it;
- 3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

Indoor micro camera equipped with very good quality $\ensuremath{\mathsf{CMOS}}$ sensor.

Camera is equipped with PINHOLE type lens, needs only a very small hole to get right field of view. Included camera software enables management and integrated monitoring of many network cameras.





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Sensor: 1/3 * Progressive Scan CMOS Matrix size: 1.3 Mpx Basolution: 1280 x 960 - 1.3 Mpx, 1280 x 720 - 7240p 70 x 576 - D1, 33 x 288 - CIF Lens: 3.6 mm (pinhole) Lens: 3.6 mm (pinhole) View angle: *3.8 * manufacturer data) Min. Illumination: 0.01 Lux / F2.8 S/N ratio: > 5.0 dB Audio: *4 External microplone input * Audio output * Audio	Standard:	TCP/IP
Resolution: 1280 x 960 · 1.3 Mpx, 1280 x 720 · 720p 704 x 576 · 101 352 x 288 · CIF Lens: 3.6 mm (pinhole) View angle: • 33° (manufacturer data) • 72° (our tests result) Min. illumination: 0.01 Lux / F2.8 S/N ratio: > 50 dB Audio: • External microphone input • Audio output • Audio out	Sensor:	1/3 " Progressive Scan CMOS
Resolution: 1280 x 720 - 720 p 720 p 720 p 720 p 720 x 576 - 511 s 352 x 288 - CIF Lens: 3.6 mm (pinhole) View angle: 48.3 * (manufacturer data) p 72 * (our tests result) Min. illumination: 0.01 Lux / F2.8 S/N ratio: > 50 dB Audio: - External microphone input pl-4 included output pl-4 inclu	Matrix size:	1.3 Mpx
View angle: • 83 ° (manufacturer data) Min. illumination: 0.01 Lux / F2.8 S/N ratio: > 50 dB Audio: • External microphone input * Audio output • Bi-directional audio streaming support * Bitrace: — RS-232 interface: ✓ Bitrate: 48 8192 kbps - H.264 Main stream frame rate: 25 fps @ 1280 x 960 Network protocols: TCP/IP, HTTP, DHCP, DNS, DDNS, FTP, NTP ONVIF: 2.42 Image compression method: H.264 / MJPEG Network interface: 10/100 Base-T (RJ-45) Alarm inputs / outputs: 2 / 2 Mobile phones support: Port 37777 • Android: Free application DMSS • 105 (IPhone): Free application DMSS	Resolution:	1280 x 720 - 720p 704 x 576 - D1 ,
1-72 * (our tests result)	Lens:	3.6 mm (pinhole)
SN ratio: > 50 dB Audio: • External microphone input. • Audio output. • Audio output. • Audio detection RS-485 interface: — RS-232 interface: ✓ Bitrate: 48 8192 kbps - H.264 Main stream frame rate: 25 fps @ 1280 x 960 Network protocols: TCP/IP, HTTP, DHCP, DNS, DDNS, FTP, NTP ONVIF: 2.42 Image compression method: H.264 / MJPEG Network interface: 10/100 Base-T (R]-45) Alarm inputs / outputs: 2 / 2 Mobile phones support: Port 37777	View angle:	
Audio: **External microphone input *Audio output *Bi-directional audio streaming support *Audio output *Bi-directional audio streaming support *Audio output *Bi-directional audio streaming support *Audio detection* RS-485 interface: **RS-232 interface: **Bitrate: **48 8192 kbps - H.264 Main stream frame rate: **25 fps @ 1280 x 960 Network protocols: **TCP/IP, HTTP, DHCP, DNS, DDNS, FTP, NTP ONVIF: **2.42 Image compression method: **H.264 / MJPEG Network interface: **10/100 Base-T (R]-45) Alarm inputs / outputs: **2 / 2 **Mobile phones support: **Audio often application DMSS*** - iOS (IPhone): Free application DMSS*** - iO	Min. illumination:	0.01 Lux / F2.8
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RS-232 interface: ### With a comparison of the properties of the	Audio:	Audio outputBi-directional audio streaming support
Bitrate: 48 8192 kbps - H.264 Main stream frame rate: 25 fps @ 1280 x 960 Network protocols: TCP/IP, HTTP, DHCP, DNS, DDNS, FTP, NTP ONVIF: 2.42 Image compression method: H.264 / MJPEG Network interface: 10/100 Base-T (RJ-45) Alarm inputs / outputs: 2/2 Mobile phones support: 2/2 Mobile phones support: admin / admin Default admin user / password: admin / admin Default IP address: 192.168.1.108 Web browser access ports: 80, 37777 PC client access ports: 37777 Mobile client access ports: 37777 Port ONVIF: 80 RTSP URL: **TSP URL: **TSP URL: 1280 **TSP URL 1280 **TSP UR	RS-485 interface:	_
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Network interface: Alarm inputs / outputs: 2 / 2 Mobile phones support: Port 37777	ONVIF:	2.42
Alarm inputs / outputs: 2 / 2 Port 37777	Image compression method:	H.264 / MJPEG
Mobile phones support: Port 37777	Network interface:	10/100 Base-T (RJ-45)
Mobile phones support: • Android: Free application DMSS • iOS (iPhone): Free application DMSS Default admin user / password: admin / admin Default IP address: 192.168.1.108 Web browser access ports: 80, 37777 PC client access ports: 37777 Mobile client access ports: 37777 Port ONVIF: 80 RTSP URL: RTSP URL: **Tsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	Alarm inputs / outputs:	2/2
Default IP address: 192.168.1.108 Web browser access ports: 80, 37777 PC client access ports: 37777 Mobile client access ports: 37777 Port ONVIF: 80 rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	Mobile phones support:	Android: Free application DMSS
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Port ONVIF: 80 RTSP URL: rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	PC client access ports:	37777
rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	Mobile client access ports:	37777
RTSP URL: Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	Port ONVIF:	80
Memory card slot: Cards support max. 64 GB	RTSP URL:	Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub
	Memory card slot:	Cards support max. 64 GB



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Power supply:	• 12 V DC / 580 mA, • PoE (802.3af)
Power consumption:	< 7 W
Main features:	BLC - Back Light Compensation HLC - High Light Compensation (spot) WDR - Wide Dynamic Range 3D-DNR - Digital Noise Reduction Configurable Privacy Zones IVS analysis - crossing the line (tripwire), intrusion, abandoned/missing object, scene changing, face detection
Length of the cable:	8 m
Operation temp:	-30 °C 60 °C
Weight:	0.20 kg - Network module 0.22 kg - Camera
Dimensions:	110 x 83 x 24 mm - Network module Ø 27 x 49 mm - Camera
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

Network module:



Camera is very small:





User Manual
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Device connectors:



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In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm Gross Weight: 0 kg



DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl POL; 60-713 Poznań; Graniczna 10 e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



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