

Code: DH-IPC-HUM8431-E1

## MAIN UNIT MODULE OF THE IP CAMERA **DH-IPC-HUM8431-E1** - 4 Mpx DAHUA

The DH-IPC-HUM8431-E1 module has a communication function between the camera module and the computer network. The device is responsible for image processing from the camera, intelligent image analysis functions (IVS) and communication with the LAN network. In addition, the device is also equipped with an RS-232 communication port, audio input and output and 2 alarm inputs and 2 NO/NC relay outputs.

The DH-IPC-HUM8431-E1 main unit module is designed to work with camera modules of the DH-IPC-HUM8431-L series. The device has a modular construction and allows to choose to it the right camera model depending on the needs. The DH-IPC-HUM8431-E1 supports camera modules with resolution up to 2688 x 1522 pixels.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

**Attention!** The device requires to buy a camera module (available separately).



Standard:	TCP/IP
Sensor:	—
Matrix size:	—
Resolution:	2688 x 1520 - 4 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Operation modes:	Main and sub streams may be in any configuration  Firmware 2.460.0000.14.R, build : 2017-07-20 <ul style="list-style-type: none"> <li>• Main stream : 2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 960, 1280 x 720</li> <li>• Sub stream 1 : 704 x 576, 352 x 288</li> <li>• Sub stream 2 : 1920 x 1080, 1280 x 720, 704 x 576, 352 x 288</li> </ul>
Lens:	—
View angle:	—
Min. illumination:	—
S/N ratio:	> 50 dB
Audio:	<ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> </ul>
RS-485 interface:	—
RS-232 interface:	✓



# DATA SHEET

Bitrate:	24 ... 9472 kbps - H.264 14 ... 5632 kbps - H.265
Main stream frame rate:	25 fps @ 1920 x 1080
Network protocols:	HTTP, HTTPS, IPv4/IPv6, TCP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPnP, NTP, QoS, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
ONVIF:	16.12
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Network interface:	10/100 Base-T (RJ-45)
Alarm inputs / outputs:	2 / 2
Mobile phones support:	Port 37777 • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>
Default admin user / password:	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://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
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
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 - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • Configurable Privacy Zones • IVS analysis - crossing the line (tripwire), intrusion, abandoned/missing object, face detection
Length of the cable:	—
Operation temp:	-30 °C ... 60 °C
Weight:	0.21 kg
Dimensions:	110 x 83 x 24 mm
Supported languages:	English
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>