

Code: IPC-HDB4231C-M12-0280B

# IP VANDALPROOF CAMERA **IPC-HDB4231C-M12-0280B** - 1080p 2.8 mm DAHUA

Net: **217.64 EUR** Gross: **217.64 EUR**



IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (1080p).

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install. Camera is according to IP66 Index of Protection norm.

**Attention!** M12 connector.

## SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	2.0 Mpx
Scanning system:	Progressive
Resolution:	1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	<ul style="list-style-type: none"><li>• 110 ° (manufacturer data)</li><li>• 106 ° (our tests result)</li></ul>
S/N ratio:	> 50 dB
RS-485 interface:	—
Image compression method:	H.265 / H.264 / MJPEG
Alarm inputs / outputs:	—
Audio:	<ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Audio detection</li></ul>
Bitrate:	24 ... 9472 kbps - H.264 14 ... 5632 kbps - H.265
Main stream frame rate:	50 fps @ 1080p
Network interface:	10/100 Base-T - M12, 4-pin socket
Network protocols:	HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, UPnP
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a></li></ul>

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

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://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
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	2.42
Main features:	<ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Time mark and image description</li> <li>• Image rotation and mirror</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• Privacy zones</li> <li>• Motion Detection</li> <li>• Audio detection</li> <li>• IVS analysis : crossing the line (tripwire), scene changing, video tampering, intrusion, abandoned/missing object, face detection</li> </ul>
Vandal-proof:	IK10
Power supply:	PoE (802.3af)
Power consumption:	≤ 4.5 W
Housing:	Dome - Metal
Color:	White
Operation temp:	-30 °C ... 60 °C
"Index of Protection":	IP66
Weight:	0.266 kg
Dimensions:	Ø 110 x 56 mm
Supported languages:	Polish, English
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

## PRESENTATION

Camera view after remove the Dome cover:



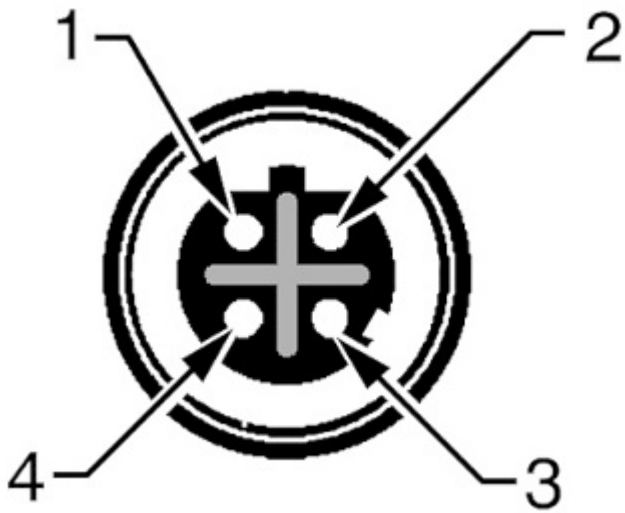


Mounting dimensions:



Connectors description:





- 1. Tx+: white/orange
  - 2. Rx+: white/green
  - 3. Tx-: orange
  - 4. Rx-: green
- (according to TIA/EIA568B standard)  
In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at direct strong light opposite to camera:



Camera image at night conditions, at different illumination values show below:

10 LUX:



1 LUX:



0.1 LUX:



0.01 LUX:



## PACKAGE

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