

Code: IPC-B1B20-0280B

## IP CAMERA **IPC-B1B20-0280B** EZ-IP - 1080p 2.8 mm DAHUA

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

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

The devices from the EZ-IP series are ideal for small and medium applications, such as security for homes, apartments and small shops.



|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                            |
| Sensor:                   | 1/2.7 " Progressive Scan CMOS                                                                                     |
| Matrix size:              | 2.1 Mpx                                                                                                           |
| Scanning system:          | Progressive                                                                                                       |
| Resolution:               | 1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p                                                  |
| Lens:                     | 2.8 mm                                                                                                            |
| View angle:               | <ul style="list-style-type: none"> <li>• 115 ° (manufacturer data)</li> <li>• 111 ° (our tests result)</li> </ul> |
| Range of IR illumination: | 30 m                                                                                                              |
| S/N ratio:                | > 50 dB                                                                                                           |
| RS-485 interface:         | —                                                                                                                 |
| Memory card slot:         | —                                                                                                                 |
| Image compression method: | H.265+ / H.265 / H.264 / H.264+ / MJPEG                                                                           |
| Alarm inputs / outputs:   | —                                                                                                                 |
| Audio:                    | —                                                                                                                 |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bitrate:                       | 32 ... 8192 kbps - H.264<br>12 ... 6400 kbps - H.265                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Main stream frame rate:        | 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Network protocols:             | HTTP, TCP, ARP, RTSP, RTP, RTCP, UDP, DHCP, DNS, IPv4, NTP, Multicast, ICMP, TLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ONVIF:                         | 16.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a><br>• iOS (iPhone): Free application <a href="#">DMSS</a>                                                                                                                                                                                                                                                                                                                                                                                                        |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                |
| Main features:                 | <ul style="list-style-type: none"> <li>• D-WDR - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• Auto White Balance</li> <li>• Privacy zones - max. 4</li> <li>• Motion Detection - max. 4 zones</li> <li>• Mirror - Mirror image</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 350 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Power consumption:             | ≤ 4.2 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Housing:                       | Compact - Metal / Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Weight:                        | 0.23 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions:                    | Ø 70 x 163 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



## DATA SHEET

|                       |                 |
|-----------------------|-----------------|
| Supported languages:  | Polish, English |
| Manufacturer / Brand: | DAHUA           |
| Guarantee:            | <b>3 years</b>  |