# DATA SHEET

Code: IPC-T1B20-0280B

## IP CAMERA **IPC-T1B20-0280B** EZ-IP - 1080p 2.8 mm DAHUA

IP camera with efficient H.264 / H.265 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.




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|---|---|
| Standard: | TCP/IP |
| Sensor: | 1/2.7 " Progressive Scan CMOS |
| Scanning system: | Progressive |
| Matrix size: | 2.1 Mpx |
| Resolution: | 1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p |
| Lens: | 2.8 mm |
| View angle: | • 115 ° (manufacturer data)<br>• 111 ° (our tests result) |
| Range of IR illumination: | 30 m |
| S/N ratio: | > 50 dB |
| 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 |

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| Main stream frame rate: | 25 fps @ 1920 x 1080 |
| 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 |
| Main features: | • D-WDR - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• ROI - improve the quality of selected parts of image<br>• BLC - Back Light Compensation<br>• HLC - High Light Compensation (spot)<br>• ICR - Movable InfraRed filter<br>• AGC - Automatic Gain Control<br>• Auto White Balance<br>• Privacy zones - max. 4<br>• Motion Detection - max. 4 zones<br>• Mirror - Mirror image<br>• Sharpness - sharper image outlines |
| Mobile phones support: | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application DMSS<br>• iOS (iPhone): Free application DMSS |
| Default IP address: | 192.168.1.108 |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start |
| Web browser access ports: | 80, 37777 |
| PC client access ports: | 37777 |
| Mobile client access ports: | 37777 |
| Port ONVIF: | 80 |
| RTSP URL: | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream |
| Color: | White |
| Power supply: | • PoE (802.3af),<br>• 12 V DC / 400 mA |
| Power consumption: | < 4.8 W |
| Housing: | Dome - Metal / Plastic |
| "Index of Protection": | IP67 |
| Operation temp: | -30 °C ... 60 °C |
| Dimensions: | Ø 109  x 85 mm |
| Weight: | 0.25 kg |
| Supported languages: | Polish, English |

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| Manufacturer / Brand: | DAHUA |
| Guarantee: | **3 years** |

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