

Pixavi Cam

Datasheet



Higher quality photos, 4K video capturing: Pixavi Cam is the successor of the market leading explosion proof camera Gravity X. A 5.5 inch AMOLED display enables a simple and user friendly experience. The market leading camera specifications ensures that photos and videos will always be crisp and clear.

The Pixavi Cam is approved for ATEX and IECEx Zone 1/21.
Further local certifications are possible on customer request.

- Android 9
- 5.5" Full-HD AMOLED Display
- Qualcomm Snapdragon 660
- 12 MP Back Camera
- 8 MP Front Camera
- Dust- and Waterproof (IP68)
- WiFi 5 (2.4/5 GHz 802.11a/b/g/n/ac)
- Bluetooth 5.0
- SD Card
- GNSS

Explosion protection

| | |
|---------------|--|
| Marking ATEX | ⊕ II 2G Ex ib IIC T4 Gb ⊕ II I 2D Ex ib IIIC T135°C Db IP68 |
| Certification | CSANe 20ATEX4223X |
| Marking IECEX | Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP68 |
| Certification | IECEX SIR 20.0036X |
| Marking NEC | <i>applied for</i> |
| Certification | <i>applied for</i> |

Other approvals and certificates, see bartec.com

User environment

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|---------------------------------|-------------------------------------|
| Operating temperature | -20 °C to +60 °C (-4 °F to +140 °F) |
| Charging temperature | 0 °C to +45 °C (+32°F to +113°F) |
| Protection class (IEC 60529) | IP68 |

Technical data

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|------------------------|---|
| Processor | Qualcomm® Snapdragon 660 Octa-Core 2.2 GHz |
| Memory (RAM) | 4 GB LPDDR4X |
| Mass storage | 64 GB |
| Storage expansion | User accessible MicroSD slot; supports up to 128 GB SDXC (UHS-1) |
| GPU | Qualcomm® Adreno™ 512 |
| Operating system | Android 9 |
| Google Mobile Services | Not supported, no access to Google apps such as Google Play Store |
| Security | Regular security updates |
| Size (W x L x H) | 164 mm x 84 mm x 14.5 mm (6.4 inch x 3.3 inch x 0.57 inch) |
| Weight (with battery) | 293 g (0.64 lb) |
| Display | 5.5" AMOLED Display |
| Resolution | 1920 x 1080 Pixel; 400 ppi |
| Front glass | Corning Gorilla glass |
| Touch function | Capactive Touch |
| Usability | Stylus, bare or gloved fingertip input |
| Battery | Lithium-ion battery 3.8 V/3.200 mAh (12.16 Wh); Must only be changed and charged outside hazardous areas. |
| Notifications | Audible tone; multi-color LEDs; vibration |
| Voice & Audio | Two microphones; Vibrate alert; Speaker; Bluetooth wireless headset support, High quality speakerphone |
| Buttons | 1x on/off button, 1x programmable function button and 2x volume buttons (+/-) |

Android ist eine Marke von Google LLC.

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Camera

– Back Camera:

Video Recording 4K UHD; Snapshot 12MP;
Slow Motion Video 120FPS; Zoom Digital
8x; Horizontal FOV 65.87; Vertical FOV
51.82; Auto Focus PDAF; Focal Length
4.36; F Number 1.8; Supports barcode
capture

– Front Camera:

Video Recording HD 1080P; Snapshot
8MP; Zoom Digital 8x; Horizontal FOV 68.8;
Vertical FOV 54.37; Auto Focus Fixed;
Focal Length 2.671; F Number 2.2;
Supports barcode capture

NFC

Yes

WiFi

WiFi 5 (2.4/5 GHz 802.11a/b/g/n/ac)

Bluetooth

Bluetooth 5.0 and BLE

GPS

GPS, GLONASS and Beidou

External I/O

Magnetic USB 2.0 High Speed (Client)
Must only be used outside hazardous areas.

Scope of delivery

- Pixavi Cam
- Battery
- Screen protector
- Charger
- Charging Cable
- Battery Tool
- SIM/SD Tray Ejector Tool
- Quick Start Guide (EN)

Accessories

See datasheet: Pixavi Cam Accessories

It is absolutely necessary to use original accessories from BARTEC !

Ordering Information

| | |
|-----------------|-----------------------|
| Pixavi Cam (EU) | 17-S133-1011/11111000 |
| Pixavi Cam (US) | 17-S133-1011/11112000 |
| Pixavi Cam (AU) | 17-S133-1011/11113000 |
| Pixavi Cam (UK) | 17-S133-1011/11114000 |