

DATASHEET

Pixavi Phone

ATEX/IECEX Zone 1 / 21 Android™ Smartphone



The Pixavi Phone brings best-in-class technical specifications into the toughest environments with confidence and style. Highly ruggedized, yet elegant and sleek, the intrinsically safe Android Pixavi Phone guarantees safety, reliability, and top performance. Simply put, it's the safe choice for high performance in hazardous areas.

- 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
- 4G (LTE) / 3G / 2G
- Dual-SIM or Single-SIM + SD Card




Technical data

| | |
|-------------------------|--|
| Display | 5.5-inch AMOLED 1920x1080 / 400 ppi Corning Gorilla Glass |
| Battery | 3.200 mAh (Replaceable) Must only be changed and charged outside of potentially explosive atmosphere |
| Weight | 293 g (0.64 lb) |
| Size | 164 x 84 x 14.5 mm (6.4 x 3.3 x 0.57 inch) |
| CPU | Qualcomm® Snapdragon 660 Octa-Core 2.2 GHz |
| GPU | Qualcomm® Adreno™ 512 |
| Memory | 4 GB LPDDR4X |
| Operating System | Android 9 |
| Google Mobile Services | Yes, i.e. access to Google apps, including Google Play Store |
| Security | Regular security updates |
| 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 scanning |
| 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 scanning |
| Mass Storage | 64 GB |
| Storage Expansion | User accessible MicroSD - up to 128 GB SDXC (UHS-1) |
| SIM Card | Dual-SIM or Single-SIM + SD Card |
| USB | Magnetic USB 2.0 |
| WiFi | WiFi 5 (2.4/5 GHz 802.11a/b/g/n/ac) |
| Bluetooth | Bluetooth 5.0 and BLE |
| GPS | GPS, GLONASS, Beidou and Assisted GPS |
| Cellular | GSM, UMTS and LTE |
| LTE (Worldwide version) | B1, B2, B3, B4, B5, B7, B8, B20, B28, B38, B39, B40, B41 |
| LTE (US version) | B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B41, B66, B71 |
| VoLTE / VoWiFi | Yes* |
| Buttons | 1 x on/off button, 1 x programmable function button and 2 x volume buttons (+/-) |
| NFC | Yes |

| | |
|-----------------|---|
| Voice and Audio | Two microphones; Vibrate alert; Speaker; Bluetooth wireless headset support, High quality speakerphone; Cellular circuit switch voice; HD Voice |
| Sensors | Gyroscope Accelerometer Magnetometer Ambient Light Sensor Proximity Sensor |
| External I/O | Only for use outside of potentially explosive atmospheres USB 2.0 High Speed (Client) |
| Touch Function | Capacitive touch |
| Usability | Stylus, bare or gloved fingertip input |

Explosion protection

| | |
|-----------------------------|--|
| ATEX Zone 1 / 21 | |
| Type | 17-S13*-1***/* |
| Marking |  II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP68 |
| Ambient Temperature | -20°C ≤ Ta ≤ +60°C |
| Protection Class | IP68 |
| Certification | CSANe 20ATEX4223X |
| IECEx Zone 1 / 21 | |
| Type | 17-S13*-1***/* |
| Marking | Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP68 |
| Ambient Temperature | -20°C ≤ Ta ≤ +60°C |
| Protection Class | IP68 |
| Certification | IECEx SIR 20.0036X |
| NEC Class I, II, III Div. 1 | TBA |
| Local Certification | Contact your regional BARTEC office |

Ordering Information

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|-------------------|-----------------------|
| Pixavi Phone (EU) | 17-S133-1111/1111000 |
| Pixavi Phone (US) | 17-S133-1211/11112000 |
| Pixavi Phone (AU) | 17-S133-1111/11113000 |
| Pixavi Phone (UK) | 17-S133-1111/11114000 |

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Accessories

See datasheet: Accessory list

It is absolutely necessary to use original accessories from BARTEC

Included: Screen Protector, Charger, Charging Cable, Quick Guide, Battery Tool and SIM/SD Tray Ejector Tool

Optional: Hand strap, Neck Strap, Spare Battery, Protective Cover and Wired Stylus Pen

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* Carrier dependent