BARTEC

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
– GNSS

Technical data

Display	5.5-inch 1920x1080 / 400 ppi AMOLED 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
Security	Regular security updates
Back Camera	Video Recording 4K UHD; Snapshot 12MP; Slow Motion Video 120FPS; Zoom Digital 8x; Horizontal FOV 62.64; Vertical FOV 46.98; 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 64.56; Vertical FOV 48.42; Auto Focus Fixed; Focal Length 2.736; 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 with Assisted GNSS
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
Notifications	Audible tone: multi-color LEDs; vibration

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

Pixavi Phone (EU)	17-S131-1111/11111000
Pixavi Phone (US)	17-S131-1211/11112000
Pixavi Phone (AU)	17-S131-1111/11113000
Pixavi Phone (UK)	17-S131-1111/11114000

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