

DATASHEET

Pixavi Cam

ATEX/IECEX Zone 1 / 21 Android™ Camera



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.

- 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




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
Operating System	Android 9
Memory	4 GB LPDDR4X
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)
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
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
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 Cam (EU)	17-S131-1111/11211000
Pixavi Cam (US)	17-S131-1211/11212000
Pixavi Cam (AU)	17-S131-1111/11213000
Pixavi Cam (UK)	17-S131-1111/11214000

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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