BARTEC

Scan module

for Pixavi Phone

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.

With the additional Scan module, with integrated Zebra Scan Engine and a range of up to 14 m, you can read a variety of 1D and 2D barcodes to streamline everyday business processes. Your employees will have everything they need to work smarter and faster, optimizing their workflow.

The Pixavi Phone with Scan Module is approved for ATEX/IECEx/UKEX Zone 1/21 and NEC Class I Div1/Zone 0.

Further local certifications are possible on customer request.

– Latest scan engine from ZEBRA Technologies
– Reading range up to 14 m
– Light and sleek design
– Dust- and Waterproof (IP68)
– Snap-on scan handle accessory available

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Explosion protection

Marking ATEX	⬡ II 2G Ex ib op is IIC T4 Gb ⬡ II 2D Ex ib op is IIIC T135°C Db IP68
Certification	CSANe 23ATEX1078X
Marking IECEx	Ex ib op is IIC T4 Gb Ex ib op is IIIC T135°C Db IP68
Certification	IECEx CSAE 23.0015X
Marking UKEX	⬡ II 2G Ex ib op is IIC T4 Gb ⬡ II 2D Ex ib op is IIIC T135°C Db IP68
Certification	CSAE 23UKEX1064X
Marking NEC	Class I; DIV 1; GP A, B, C and D; T4 Ex ia op is IIC T4 Ga Class I, Zone 0, AEx ia op is IIC T4 Ga
Certification	CSA 23CA80141535X

Other approvals and certificates, see **www.bartec.com**

User environment

Operating temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Charging temperature	0 °C to +40 °C (+32°F to +113°F)
Protection class (IEC 60529)	IP68

Technical data

Size (W x L x H)	94 x 75 x 29.5 mm (3.7 x 2.95 x 1.16 inch)
Weight	approx. 130 g (0.29 lb), (without Pixavi Phone)
Battery	Lithium-ion battery, 3.8 V/3.200 mAh (12.16 Wh)
Requirement to the Operating system	At least Android 11 (older operating system versions do not support the scan module)
Barcode capture	– SE55 from ZEBRA: 1D/2D High performance scanner omnidirectional, reading range up to 14 m depending on type, size and quality of the barcode – Supported symbologies/barcodes: see table
Decoder Board	The SE55 is controlled via the decoder board PL5000
Laser product classification	Class 2

123Scan Utility (Freeware)	The scanner parameters can be configured in offline mode for the PL5000 decoder board.
	
	Features:
	– Enable/disable barcode types/families
	– Set scanner parameters
	– Barcode prioritization with "Preferred Symbol"
	– Data modification using:
	  – Basic modification for prefix/suffix
	  – ADF – Advanced Data Formatting
	  – MDF – Multicode Data Formatting
	
	The configuration is printed out as a programming barcode and can be transferred by scanning the barcode.
	
	Note: A connection from the scan module to the 123Scan Utility via USB is not supported.
	
	Available as freeware at: zebra.com

Warranty	1 year
Scope of delivery	– Scan Module – Battery tool – Quick Start Guide (EN)

Supported Symbologies / Barcodes

1D/Linear Symbol/Codes	Chinese 2 of 5 Codabar Code 11 Code 32 Code 39 (Trioptic) Code 93 Code 128 GS1-128 ISBT 128 Discrete 2 of 5 GS1 DataBar variants Interleaved 2 of 5 Korean 3 of 5 Matrix 2 of 5 MSI UPC/EAN code family (UPC-A; UPC-E, EAN-13/JAN13; EAN-8/JAN8; Bookland EAN, UCC Coupon Code)
2D Stacked and 2D Matrix Symbol/Codes	Aztec Composite Codes (CC-C; CC-A/B; TLC-39) DotCode Data Matrix GS1-Data Materix Gridmatrix Han Xin Maxicode PDF417 MicroPDF417 QR Code Micro QR Code GS1-QR Code
Postal Symbol/Codes	US Postnet US Planet UK Postal Japan Postal Australian Postal USPS 4CB/One Code/Intelligent Mail Netherlands KIX UPU FICS Mailmark

Accessories

See datasheet: Pixavi Phone/Cam Accessories
It is absolutely necessary to use original accessories from BARTEC !

Ordering information for bundle

Pixavi Phone (EU) with Scan module	17-S133-1111/11111055
Pixavi Phone (US) with Scan module	17-S133-1211/11112055
Pixavi Phone (AU) with Scan module	17-S133-1111/11113055
Pixavi Phone (UK) with Scan module	17-S133-1211/11114055

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