TAB-DROID-C1D2-HART-FF-MOBI
Android Class 1 Div 2 Tablet HART and FF Communicator Kit, mobiLink

Description:

Combines all components needed for an Intrinsically Safe cost-effective FF Hand-Held Communicator for Class 1, Division 2 applications.

Includes:

- TAB-EX 03 rugged tablet with Bluetooth, Android 13, WI-FI, 4GB RAM, 64GB Storage Memory, 8 inch Touch Screen.
- DevComDroid HART Communicator App
- DevComFF.Droid FF Communicator App
- MOBI-FF Intrinsically Safe HART and FF Modem
- Complete HART DD Library
- Complete FF DD Library
- One year Update Subscription (SUB-1YR)
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle

All components installed, setup, and ready to go!

Specifications:

TAB-EX 03

Operating System	Android 13
Screen	8" TFT (1920 x 1200 pixels) Multi-Touch Screen
Communications	Bluetooth 5.0, WLAN 802.11 a/b/g/n/ac/ax
Bluetooth Modem Range	30 ft (10m)
Memory	4 GB RAM, 64 GB Storage
Camera	13 Megapixel rear, 5 Megapixel front
Battery	5050 mAh
Safety IECEx:	Ex ic IIC T5 Gc IP64, Ex ic IIIC T85°C Dc
Safety ATEX:	II 3G Ex ic IIC T5 Gc IP64, II 3D Ex ic IIIC T85°C Dc
Safety CSA	Class I, Division 2, Groups A-D; T5

DevComDroid HART Communicator App

DD Library	Included
DD Updates	Quarterly updates for 1 year free
DD Specification	DDL standard (IEC 61804-3)

DevComFF.Droid FF Communicator App

DD Library	Included
DD Updates	Quarterly updates for 1 year free
DD Specification	DDL standard (IEC 61804-3)

MOBI-FF Intrinsically Safe HART and FF Modem

Dimensions	6.9" x 2.9" x 1.3" (175 mm x 74 mm x 32 mm)
Total Unit Weight	11.6 oz (330 g) including Batteries
Protection Class	IP 54
Intrinsic safety	EX ia IIB, U_i = 30 V, C_i 5 nF, Li negligible low FISCO field device
Isolation	1500 VDC between USB and field device connections
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54
FF Standard	IEC 61158-2, Type 1: 31.25 Kbit/s, voltage mode
FF Input Current	10 mA in Bluetooth and regular USB mode 18 mA (with fieldbus voltage > 9.5V)
Fieldbus Terminator	None
Power	3x AA Batteries
Current Draw	100mA

Loop Resistor, 250 Ohm

Power Rating	1 Watt

Carrying Case

Size	17" L x 12" W x 3-1/2" H

Note: For full specifications see individual data sheets

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