



PH-DROID-C1D2-MOBI Android Class 1 Div 2 Phone HART Communicator Kit, mobiLink



Description:

Combines all components needed for an Intrinsically Safe cost-effective HART Hand-Held Communicator for Class 1, Division 2 applications using a mobile phone.

Includes:

- Smart-EX 03 rugged 5G phone with Bluetooth, Android 13, WI-FI, 8GB RAM, 128GB Storage Memory, 6 inch Touch Screen.
- DevComDroid HART Communicator App
- MOBI-HART Intrinsically Safe HART Modem
- Complete HART 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:**Smart-EX 03**

Operating System	Android 13
Screen	6" TFT (1080 x 720 pixels) Multi-Touch Screen
Communications	Bluetooth 5.0, WLAN 802.11 a/b/g/n/ac/ax
Bluetooth Modem Range	30 ft (10m)
Memory	8 GB RAM, 128 GB Storage
Camera	13 Megapixel rear, 5 Megapixel front
Battery	4400 mAh
Mobile Standard	2G, 3G, 4G, 5G
Safety IECEx:	Ex ic IIC T4 Gc IP68, Ex ic IIIC T135°C Dc
Safety ATEX:	II 3G Ex ic IIC T4 Gc IP68, II 3D Ex ic IIIC T135°C Dc

DevComDroid HART Communicator App for Android

DD Library	Included
Generic DD	Included
DD Updates	Quarterly updates for 1 year free

MOBI-HART Intrinsically Safe HART 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, <i>wirelessHART</i> HART Physical Layer Spec HCF_SPEC-54
Power	3x AA Batteries
Current Draw	100mA

Loop Resistor, 250 Ohm

Power Rating	1 Watt
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Carrying Case

Size	17" L x 12" W x 3-1/2" H
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Note: For full specifications see individual data sheets.

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