ProComSol
Process Communications Solutions

HART COMMUNICATION PROTOCOL

TAB-IOS-C1D2-MOBI
iPad Class 1 Div 2 Tablet HART Communicator Kit, mobiLink

 iPad

Description:

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

Includes:

- Apple iPad tablet with Bluetooth, WI-FI, 3GB RAM, 256GB Storage Memory, 10 inch Touch Screen.
- XCIEL XCRiPad 10.2
- DevCom.iOS 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!

HART COMMUNICATION PROTOCOL

Specifications:

iPad

Operating System	Apple iPadOS
Screen	10.2" HD (2160 x 1620 pixels) Multi-Touch Screen
Communications	Bluetooth 4.2, WLAN 802.11 a/ac/b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	3 GB RAM, 256 GB Storage
Camera	12 Megapixel Front, 8 Megapixel rear
Battery Life	10 hours
Safety IECEx:	Ex db ia op is IIC T4 Gc IP54
Safety ATEX:	II 3G Ex ic IIC T5 Gc IP44, II 3D Ex ic IIIC T85°C Dc
Safety CSA	Class I, Division 2, Groups A-D; T5

DevCom.iOS HART Communicator App for iOS

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, Ui = 30 V, Ci 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, *wireless*HART HART Physical Layer Spec HCF_SPEC-54
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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