



COM-IOS-MOBI

iOS HART
Communicator Bundle,
mobiLink



Description:

Combines the components needed for a cost-effective iOS (Apple) based HART Communicator using your own Apple device in an easy to order bundle. For use with iOS (Apple) devices (not included).

Includes:

- DevCom.iOS HART Communicator App
- MOBI-HART Intrinsically safe HART Modem
- One year Update Subscription (SUB-1YR)

The image shows a screenshot of the 'Device Explorer' app on an iPhone. The app displays the following information:

- Device Model: PR 5335
- Tag: T-101
- DD: /00006d/00ef/0101.fm8
- Connected

The device is shown as 'Online'. Below this, there is a 'Device setup' button and a list of process variables:

Variable	Value	Unit
PV	77.86	degF
Electr	77.85	degF
PV AO	4.00	mA
PV % rng	25.02	%

At the bottom of the app interface are 'Cancel' and 'Commit' buttons. To the right of the screenshot is the physical mobiLink device, a rugged handheld device with a blue screen displaying the 'mobiLink' and 'softing' logos. The device has two red ports and one black port at the top.

DevCom.iOS + HM-BLE Bluetooth Low Energy HART Modem

Specification Summary:

DevCom.iOS HART Communicator App

DD Library	Included
Generic DD	Included
DD Updates	Quarterly updates for 1 year free
DD Specification	Enhanced DDL standard (IEC 61804-3)
Operating System	iOS 10 or higher

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>wireless</i> HART HART Physical Layer Spec HCF_SPEC-54
Power	3x AA Batteries, USB port provides power to unit (in safe area only)
Current Draw	100mA, note that batteries are still required for operation

Note: For full specifications see individual data sheets.

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