



COM-DROID-HART-FF- MOBI

Android HART and FF Communicator
Bundle, mobiLink

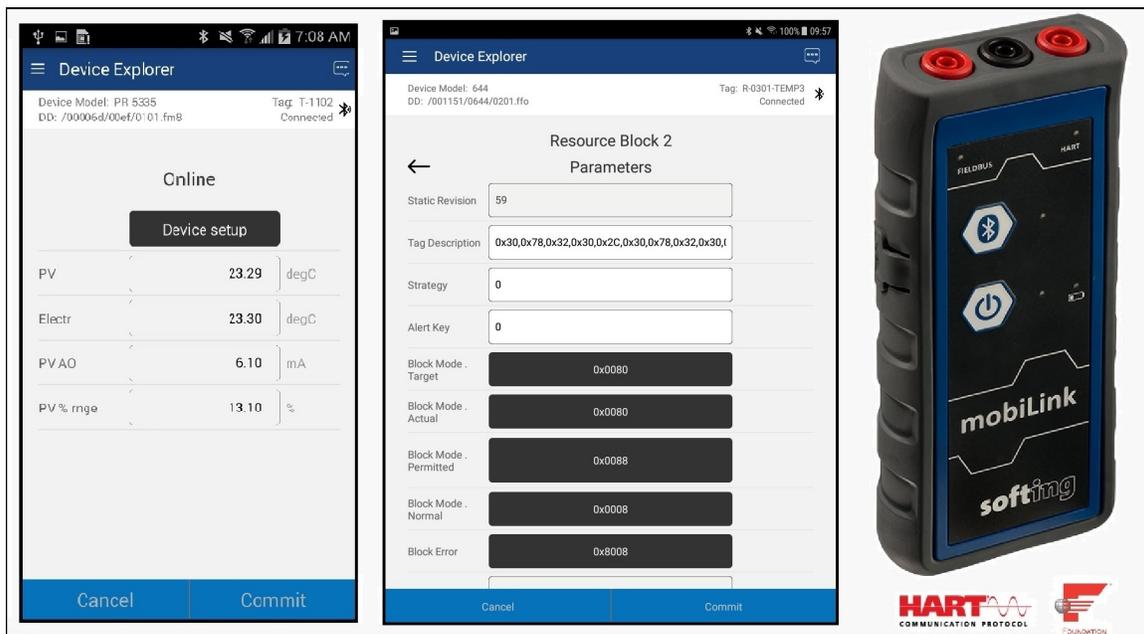


Description:

Combines the components needed for a cost-effective Android based HART and Foundation Fieldbus (FF) Communicator using your own Android device in an easy to order bundle. For use with Android devices with Bluetooth or Bluetooth Low Energy (not included).

Includes:

- DevComDroid HART Communicator App
- DevComFF.Droid FF Communicator App
- MOBI-FF Intrinsically safe HART and FF Modem
- One year Update Subscription (SUB-1YR)



The image displays two screenshots of the application interface and the physical device. The left screenshot shows the 'Device Explorer' screen with a table of online devices:

Device Model	DD	Tag	Status
PR 5335	/09006d/00ef/0'01_fm8	T-1102	Connected

The right screenshot shows the 'Resource Block 2 Parameters' screen with the following settings:

- Static Revision: 59
- Tag Description: 0x30,0x78,0x32,0x30,0x2C,0x30,0x78,0x32,0x30,t
- Strategy: 0
- Alert Key: 0
- Block Mode - Target: 0x0080
- Block Mode - Actual: 0x0080
- Block Mode - Permitted: 0x0088
- Block Mode - Normal: 0x0008
- Block Error: 0x8008

The physical device, labeled 'mobiLink softing', is shown on the right. It features a blue screen with a power button and a Bluetooth icon. The HART and FOUNDATION logos are visible at the bottom of the device.

DevComDroid HART App + DevComFF.Droid FF App + MOBI-FF HART and FF Modem

Specifications:

DevComDroid HART Communicator App

DD Library	Included
Generic DD	Included
DD Updates	Quarterly updates for 1 year free
DD Specification	DDL standard (IEC 61804-3)
Operating System	Android Jelly Bean (4.3) or higher

DevComFF.Droid FF Communicator App

DD Library	Included
DD Updates	Quarterly updates for 1 year free
DD Specification	DDL standard (IEC 61804-3)
Operating System	Android Jelly Bean (4.3) or higher

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, <i>wireless</i> HART 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, 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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