



MOBI-CMPLT

mobiLink Modem for
FF, Profibus PA, and
HART®



Perform Foundation Fieldbus (FF), Profibus PA, and HART communications in hazardous areas using Bluetooth interface. USB interface for non-hazardous areas.

Features:

- Compliant FF Host
- Compliant Profibus PA Host
- Compliant HART Master
- Suitable for Hazardous areas, Zone 1
- Rugged enclosure to IP54 standard
- USB interface (safe area only)
- Bluetooth and Bluetooth LE interface
- Battery powered, over 45 hours of continuous operation
- FF DTM included
- Profibus PA DTM included
- HART DTM included
- Works with DevCom2000, DevComDroid and DevCom.iOS (for HART)
- Works with DevComFF for FF



mobiLink Modem

Specifications:

Enclosure

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

Safety

Intrinsic safety	EX ia IIB, Ui = 30 V or FISCO field device
IECEEx	Ex ib [ia Da] IIIC T100°C Db
ATEX	II 2D Ex ib [ia Da] IIIC T100°C Db
Isolation	1500 VDC between USB and field device connections

FF and Profibus PA

Standard	IEC 61158-2, Type 1: 31.25 Kbit/s, voltage mode
Input Current	10 mA in Bluetooth and regular USB mode 18 mA (with fieldbus voltage > 9.5V)
Fieldbus Terminator	None

HART

Connections	Across loop resistor or HART field device
Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

DTM

Operating System	Windows 7 Professional to latest Not needed for DevComDroid or DevCom.iOS
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USB

Specifications	USB 2.0
Power	USB port provides power to unit (in safe area only)
Current Draw	100mA, note that batteries are still required for operation

Connections

Profibus PA	4mm banana jacks
FF	4mm banana jacks
HART	4mm banana jacks
USB Connector	USB Type C

Environmental

Operating Temperature	-20 degC to 50 degC (-4 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 95% (non-condensing)

Compliances

Certifications	EMC, ATEX, IECEEx, RED, RoHS, WEEE See user manual for details
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ProComSol, Ltd

Process Communications Solutions

Phone: 216.221.1550
Toll Free: 877.221.1551
Email: sales@procomsol.com
Web: www.procomsol.com