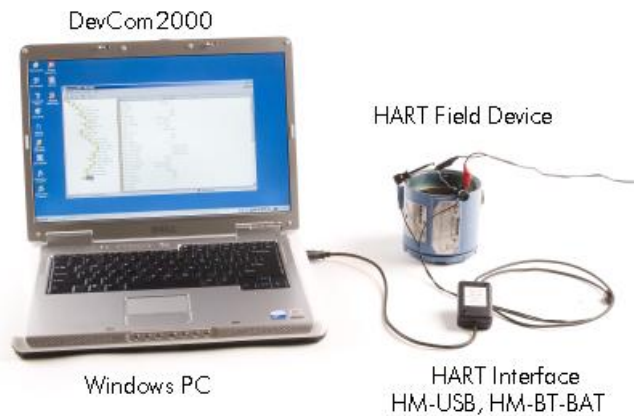




## Advanced, Cost-effective, and Reliable HART<sup>®</sup> Communication Products



ProComSol, Ltd (Process Communications Solutions) was founded in 2005 dedicated to providing products for users of HART technology. We established our reputation with reliable USB HART modems certified by the HART Communication Foundation. The HM-USB-ISO HART Modem is the most cost-effective certified USB HART Modem available.

We are known for several technical innovations. Among them is our Bluetooth HART modem which first appeared on the market in 2005. This makes us the first to offer wireless capabilities for HART users. We were also the first to offer products based on SDC-625 technology. Our DevComDroid Smart Communicator App for Android is the first product to offer full DD capabilities on the Android platform. Also our DevCom.iOS Smart Communicator App is the first HART Communicator App for the iOS platform.

Our HART Communicator software products (DevCom2000 and DevCom Apps) have established themselves as the only real alternatives to expensive communicators. DevCom2000 was originally released in 2006 as the first product to use the HART Communication Foundation's SDC-625 technology. Constant and steady improvements over the years have made DevCom2000 reliable, convenient, and feature rich.

ProComSol has always been a member of the FieldComm Group. We are committed to improving the HART protocol and offering high quality, reliable, and innovative products using this amazing technology. If you do not see products or features that you need, please contact us. We promise to work hard to meet your needs.

Thank you for your interest in our products,  
*ProComSol, Ltd*



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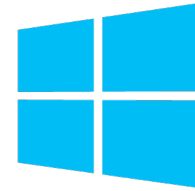
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WirelessHART

HART-IP

## DevCom2000 Smart Device Communicator

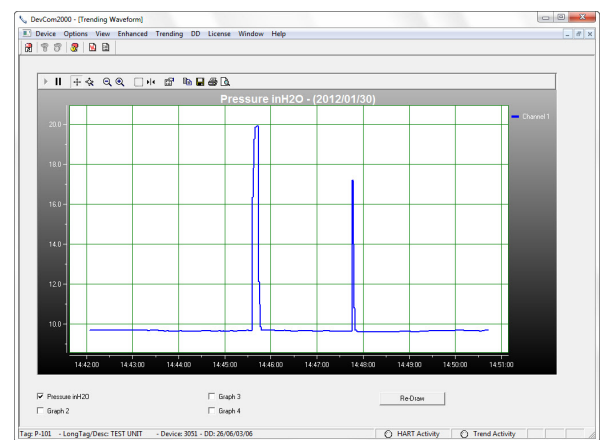
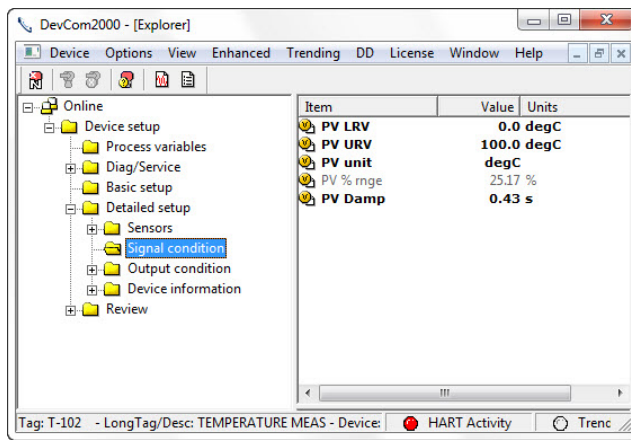


### Benefits:

- Perform complete HART<sup>®</sup> device configurations using your Desktop, Laptop, or Tablet PC
- Uses the registered DD files from the HART Communication Foundation
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- The most cost-effective DD based HART communication solution available

### Features:

- Windows Explorer menu layout
- Device menu structure easy to navigate
- Get to the information you want quickly
- Communication and Event Logs
- Save configurations as text file and PDF file for documenting the device
- Write saved configurations to devices
- Trend process variables as well as any other parameter associated with the device
- Complies with the Enhanced DDL standard (IEC 61804-3)
- Supports HART 7 and WirelessHART<sup>®</sup> devices, and now HART-IP
- Comes with ALL the latest registered DD's from the HART Foundation
- 1 Year warranty



Sample Screen Shots (DevCom2000 Explorer and DevCom2000 Trend Display)

# DevCom2000

## Smart Device Communicator

### **Specifications:**

#### **System Requirements (minimums)**

Operating System	Windows 7 (Note: supports Windows versions 7 to 10)
Processor Speed	Pentium, 600 Mhz
Memory	256 MB
Hard Disk Space	500 MB
Monitor	256-color VGA
Communication Port	USB, RS232, Bluetooth, or Ethernet
HART Modem	ProComSol HM-USB-ISO, HM-BT-BAT-ER, HM-RS232-ISO, MOBI-HART or equivalent

#### **Device Descriptions (DD's)**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (contact us for latest data)
DD Updates	Quarterly updates for 1 year free Download updates with subscription service

#### **Functions**

Monitor PV  
Monitor Multi-variables  
Monitor Device Status  
View and Edit Variables  
Save complete device configuration to text file and PDF file  
Write saved configurations to devices  
Sample Execute Methods:  
    Trims  
    Calibrations  
    Loop Tests  
    Zero and Span

**WirelessHART****HART-IP**

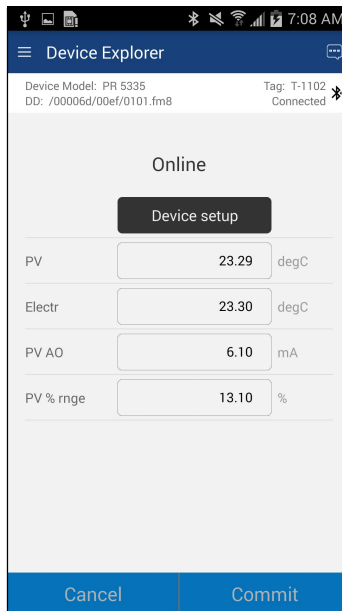
## DevComDroid Mobile Smart Device Communicator for Android

**Benefits:**

- Perform complete HART® device configurations using your Android™ based Tablet or Smartphone
- Uses the registered DD files from the HART Communication Foundation
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- The most cost-effective DD based handheld HART communication solution available

**Features:**

- Easy to use Android interface
- Fast device connect and data view
- Save configurations as text file and PDF file for documenting the device
- Wireless convenience
- Comes with all the latest registered DD's from the HART Foundation
- 1 Year of free DD and program updates



Sample Screen Capture



**DevComDroid**  
Mobile Smart Device  
Communicator Android

**Specifications:**

**System Requirements (minimums)**

Operating System	Android Jelly Bean (4.3)
Processor	ARM or Atom
Memory RAM	1 GB
Memory ROM	2 GB
Screen	960x540 qHD
Communication Port	Bluetooth
HART Modem	ProComSol HM-BT-BAT-ER, HM-BLE, HM-MOBI-HART, or equivalent

**Device Descriptions (DD's)**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (contact us for latest data)
DD Updates	Quarterly updates for 1 year free Download updates with subscription service

**Functions**

- Monitor PV
- Monitor Multi-variables
- Monitor Device Status
- View and Edit Variables
- Sample Execute Methods:
  - Trims
  - Calibrations
  - Loop Tests
  - Zero and Span

**WirelessHART**  
**HART-IP**

## DevCom.iOS Mobile Smart Device Communicator for iOS

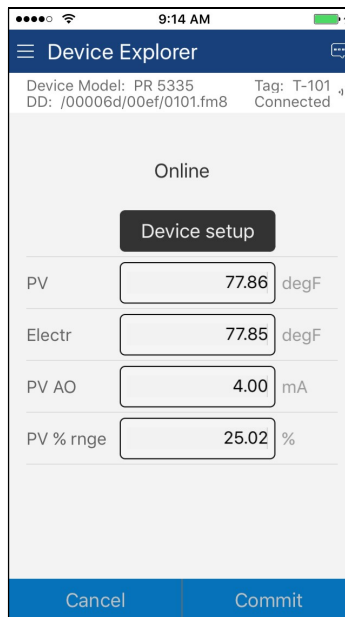


### Benefits:

- Perform complete HART<sup>®</sup> device configurations using your iPhone<sup>™</sup> or iPad<sup>™</sup>
- Uses the registered DD files from the FieldComm Group
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- The most cost-effective DD based iOS HART communication solution available!

### Features:

- Easy to use iOS interface
- Fast device connect and data view
- Save configurations as text file and PDF file for documenting the device
- Wireless convenience
- Comes with all the latest registered DD's from the FieldComm Group
- No tag limits
- 1 Year of free DD and program updates



Sample Screen Capture

DevCom.iOS  
Mobile Smart Device  
Communicator for iOS

**Specifications:**

**System Requirements (minimums)**

Operating System	iOS 10
Memory RAM	1 GB
Memory ROM	2 GB
Communication Port	Bluetooth Low Energy
HART Modem	ProComSol HM-BLE or MOBI-HART

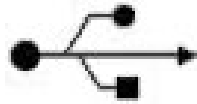
**Device Descriptions (DD's)**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (contact us for latest data)
DD Updates	Quarterly updates for 1 year free Download updates with subscription service

**Functions**

Monitor PV  
Monitor Multi-variables  
Monitor Device Status  
View and Edit Variables  
Sample Execute Methods:  
    Trims  
    Calibrations  
    Loop Tests  
    Zero and Span





COM-PC  
Smart Communicator  
PC



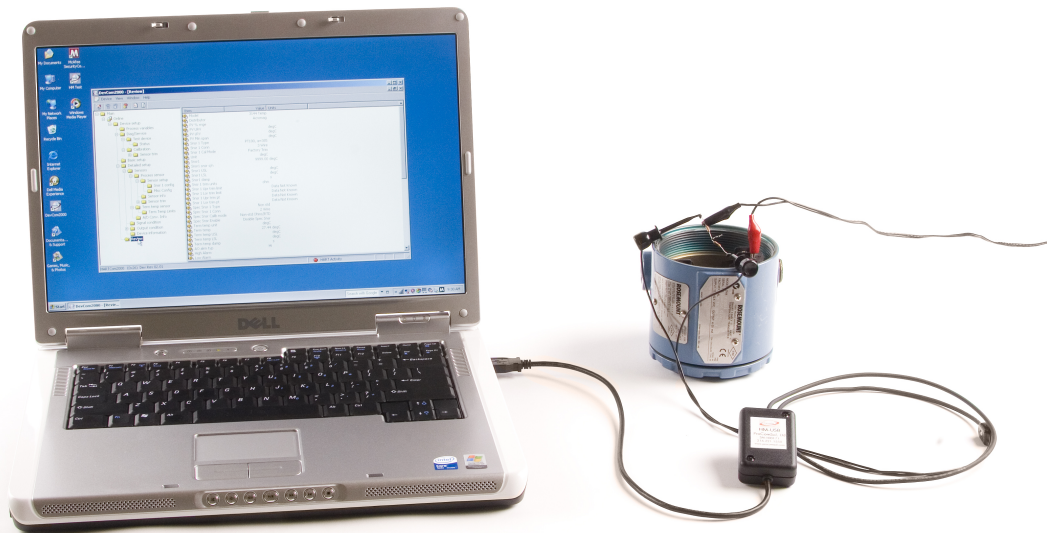
**Description:**

Combines all components needed for a cost-effective PC based HART Communicator

**Includes:**

- DevCom2000 Smart Device Communicator Software
- HM-USB-ISO USB HART Modem
- 1 Year warranty

*Note: Computer not included.*



# COM-PC Smart Communicator PC

## Specifications:

### DevCom2000 Smart Device Communicator Software

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free
DD Specification	Enhanced DDL standard (IEC 61804-3)

### HM-USB-ISO USB HART Modem

Dimensions	2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
Total Unit Weight	3 oz (85 g)
HART Cable Length	4' (1.2 m)
HART Cable Connectors	Mini-Grabber
USB Cable Length	18" (0.5 m)
USB Cable Connector	USB Type A
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54
HART Foundation	Registration Number L2-06-1000-070
USB Specifications	USB 1.1, USB 2.0
Power	USB port provides power to unit
Current Draw	20mA

*Note: For full specifications see individual data sheets.*



# COM-DROID

## Smart Communicator for Android



### Description:

Combines all components needed for a cost-effective Android™ based HART® Communicator

### Includes:

- DevComDroid Smart Device Communicator Software
- HM-BT-BAT-ER Bluetooth HART Modem
- 1 Year warranty

*Note: Smart Phone not included.*





**COM-DROID**  
Smart Communicator  
Android

**Specifications:**

**DevComDroid Smart Device Communicator Software**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free
DD Specification	Enhanced DDL standard (IEC 61804-3)
Operating System	Android Jelly Bean (4.3)

**HM-BT-BAT-ER Bluetooth HART Modem**

Dimensions	2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
Total Unit Weight	6 oz (170 g)
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

*Note: For full specifications see individual data sheets.*

*Android is a trademark of Google Inc.*



**COM-TABLET**  
Smart Communicator  
Tablet PC



**Description:**

Combines all components needed for a cost-effective HART® Hand-Held Communicator

**Includes:**

- Microsoft Surface Go 2 with Bluetooth, Wi-Fi, Windows 10, Keyboard Docking Station, 8 GB Memory 128 GB SSD Storage, 10.5 inch Touch Screen
- DevCom2000 Smart Device Communicator Software
- Complete HART DD Library
- HM-BT-BAT-ER Bluetooth HART Modem
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle
- 1 Year warranty

**All components installed, setup, and ready to go!**



# COM-TABLET

## Smart Communicator Tablet PC

### Specifications:

#### Microsoft Go 2

Operating System	Windows 10 Home 64-bit
Processor:	Intel Pentium Gold 4425Y
Screen	10.5" Multi-Touch LCD
Communications	Bluetooth 5.0, 802.11a/b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	8 GB
Storage	128 GB SSD
Camera	5 Megapixel Front Camera + 8 Megapixel Rear Camera
Keyboard	Detachable docking station

#### DevCom2000 Smart Device Communicator Software

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free

#### HM-BT-BAT-ER Bluetooth HART Modem

Dimensions	2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
Total Unit Weight	6 oz (170 g)
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

#### Loop Resistor, 250 Ohm

Power Rating	1 Watt
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#### Carrying Case

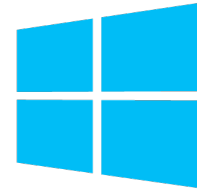
Size	13-1/2" L x 10" W x 3-3/4" H
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*Note: For full specifications see individual data sheets.*



## COM-TABLET-R

Rugged  
Smart Communicator  
Tablet PC



### **Description:**

Combines all components needed for a rugged cost-effective HART<sup>®</sup> Hand-Held Communicator

### **Includes:**

- Durabook R11 semi-rugged tablet PC with Bluetooth 3.0 EDR, Windows 10, WI-FI, 2GB RAM, 64GB Storage Memory, 10.1 inch Touch Screen.
- Stylus
- DevCom2000 Smart Device Communicator Software
- Complete HART DD Library
- HM-BT-BAT-ER Bluetooth HART Modem
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle
- 1 Year warranty

**All components installed, setup, and ready to go!**





**COM-TABLET-R**

**Rugged  
Smart Communicator  
Tablet PC**

**Specifications:**

**Durabook R11**

Operating System	Windows 10
Screen	10.1" WXGA (1280 x 800 pixels) Multi-Touch Screen
Communications	Bluetooth 3.0, WLAN 1x1 b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	2 GB RAM, 64 GB Storage
Camera	1.3 Megapixel (front)
Battery	Two Hot-swap Li-ion battery packs
Drop Resistance	MIL-STD 810G 516.6 Procedure IV
Shock Resistance	MIL-STD 810G 514.6 General Vibration
Spill Resistance	IP-43

**DevCom2000 Smart Device Communicator Software**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free

**HM-BT-BAT-ER Bluetooth HART Modem**

Dimensions	2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
Total Unit Weight	6 oz (170 g)
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

**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.*





## COM-TABLET-C1D2

Intrinsically Safe  
Smart Communicator  
Windows Tablet PC



### Description:

Combines all components needed for an Intrinsically Safe cost-effective HART<sup>®</sup> Hand-Held Communicator

### Includes:

- xTablet T7200 rugged tablet PC with Bluetooth, Windows 7, WI-FI, 2GB RAM, 64GB Storage Memory, 7 inch Touch Screen.
- Stylus
- DevCom2000 Smart Device Communicator Software
- Complete HART DD Library
- Viator BT Bluetooth HART Modem
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle
- 1 Year warranty

**All components installed, setup, and ready to go!**





**COM-TABLET-C1D2**  
Intrinsically Safe  
Smart Communicator  
Windows Tablet PC

**Specifications:**

**xTablet T7200 C1D2**

Operating System	Windows 7 Pro
Screen	7" XGA (1024 x 768 pixels) Multi-Touch Screen
Communications	Bluetooth 4.0, WLAN 802.11 a/b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	2 GB RAM, 64 GB Storage
Camera	5.0 Megapixel
Battery	37 WHr
Drop Resistance	MIL-STD 810G
Safety	UL 60950-1, UL 1604 (ANSI/ISA 12.12.01-2012, CSA C22.2 No. 213-M 1987 Class 1/Division 2

**DevCom2000 Smart Device Communicator Software for Windows**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free

**Viator BT Bluetooth Modem**

Dimensions	2.00" x 2.75" x 0.80" (42mm x 88mm x 19mm)
Safety	ATEX II 1G Ex ia IIC T4, FM Class I, Division 1, Group A, B, C, D, AEx ia IIC T4

**Loop Resistor, 250 Ohm**

Power Rating	1 Watt
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**Carrying Case**

Size	19" L x 14" W x 4-3/4" H
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*Note: For full specifications see individual data sheets.*



## COM-TABLET-AN-8

Smart Communicator  
Android Tablet  
8" Screen



### **Description:**

Combines all components needed for a cost-effective HART® Hand-Held Communicator

### **Includes:**

- Samsung Tab A tablet with Bluetooth, Android 8, WI-FI, 1.5GB RAM, 16GB Storage Memory, 8 inch Touch Screen.
- DevComDroid Smart Device Communicator App
- Complete HART DD Library
- HM-BT-BAT-ER Bluetooth HART Modem
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle
- 1 Year warranty

**All components installed, setup, and ready to go!**





**COM-TABLET-AN-8**  
Smart Communicator  
Android Tablet  
8" Screen

**Specifications:**

**Tab A**

Operating System	Android 8, Oreo
Screen	8" HD (1024 x 768 pixels) Multi-Touch Screen
Communications	Bluetooth 4.1, WLAN 802.11 a/b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	1.5 GB RAM, 16 GB Storage
Camera	2.0 Megapixel Front, 5.0 Megapixel Rear
Battery	4200 mAh

**DevComDroid Smart Device Communicator App for Android**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free

**HM-BT-BAT-ER Bluetooth HART Modem**

Dimensions	2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
Total Unit Weight	6 oz (170 g)
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

**Loop Resistor, 250 Ohm**

Power Rating	1 Watt
--------------	--------

**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.*



## COM-TABLET-AN-C1D1

Intrinsically Safe  
Smart Communicator  
Android Tablet



### Description:

Combines all components needed for an Intrinsically Safe cost-effective HART<sup>®</sup> Hand-Held Communicator for Class 1, Division 1

### Includes:

- TAB-EX 01 rugged tablet with Bluetooth, Android 8, WI-FI, 1.5GB RAM, 16GB Storage Memory, 8 inch Touch Screen.
- DevComDroid Smart Device Communicator App
- Complete HART DD Library
- Viator BT Bluetooth HART Modem
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle
- 1 Year warranty

**All components installed, setup, and ready to go!**





**COM-TABLET-AN-C1D1**  
**Intrinsically Safe**  
**Smart Communicator**  
**Android Tablet**

**Specifications:**

**TAB-EX 01**

Operating System	Android 8, Oreo
Screen	8" TFT (1280 x 800 pixels) Multi-Touch Screen
Communications	Bluetooth 4.0, WLAN 802.11 a/b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	1.5 GB RAM, 16 GB Storage
Camera	3.0 Megapixel rear, 1.3 Megapixel front
Battery	4450 mAh
Safety ATEX and IECEx:	Ex db ia op is IIC T5 Gb, Ex tb IIIC T100C Db
Safety CSA	Class I, Division 1, Groups A-D; T5

**DevComDroid Smart Device Communicator App for Android**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free

**Viator BT Bluetooth Modem**

Dimensions	2.00" x 2.75" x 0.80" (42mm x 88mm x 19mm)
Safety	ATEX II 1G Ex ia IIC T4, FM Class I, Division 1, Group A, B, C, D, AEx ia IIC T4

**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.*



## COM-TABLET-AN-C1D2

Intrinsically Safe  
Smart Communicator  
Android Tablet



### Description:

Combines all components needed for an Intrinsically Safe cost-effective HART<sup>®</sup> Hand-Held Communicator for Class 1, Division 2

### Includes:

- TAB-EX 01 rugged tablet with Bluetooth, Android 8, WI-FI, 1.5GB RAM, 16GB Storage Memory, 8 inch Touch Screen.
- DevComDroid Smart Device Communicator App
- Complete HART DD Library
- Viator BT Bluetooth HART Modem
- Loop Resistor, 250 Ohm
- Rugged hard plastic case with carrying handle
- 1 Year warranty

**All components installed, setup, and ready to go!**





**COM-TABLET-AN-C1D2**

**Intrinsically Safe  
Smart Communicator  
Android Tablet**

**Specifications:**

**TAB-EX 01**

Operating System	Android 8, Oreo
Screen	8" TFT (1280 x 800 pixels) Multi-Touch Screen
Communications	Bluetooth 4.0, WLAN 802.11 a/b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	1.5 GB RAM, 16 GB Storage
Camera	3.0 Megapixel rear, 1.3 Megapixel front
Battery	4450 mAh
Safety ATEX and IECEx:	II 3G Ex ic IIC T5 Gc, Ex ic IIC T5Gc
Safety CSA	Class I, Division 2, Groups A-D; T4 Class I, Zone 2, Group IIC, T4

**DevComDroid Smart Device Communicator App for Android**

DD Library	Included
Generic DD	Included
Current Library	FCG Release 2020 No. 1 (call for latest data)
DD Updates	Quarterly updates for 1 year free

**Viator BT Bluetooth Modem**

Dimensions	2.00" x 2.75" x 0.80" (42mm x 88mm x 19mm)
Safety	ATEX II 1G Ex ia IIC T4, FM Class I, Division 1, Group A, B, C, D, AEx ia IIC T4

**Loop Resistor, 250 Ohm**

Power Rating	1 Watt
--------------	--------

**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.*

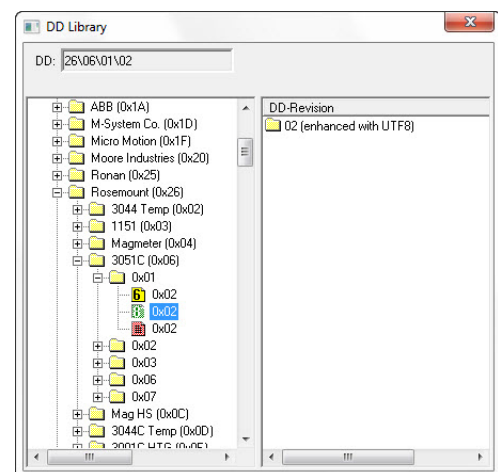
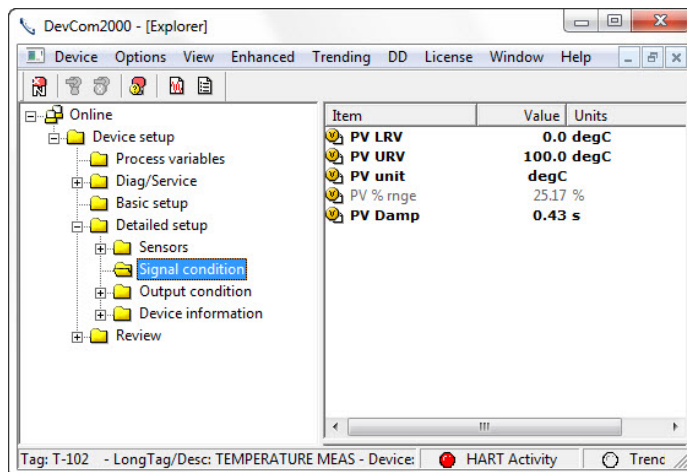


# SUB-1YR

## Update Subscription, One Year

### Features:

- Update DevCom2000, DevComDroid, or DevCom.iOS to include latest features
- Keep your software current with the latest revision
- Keep your DD Library current with new Device Descriptions (DDs)
- Keep your DD Library current with updated/revised DDs
- Updates for 1 year
- Included free with first year warranty

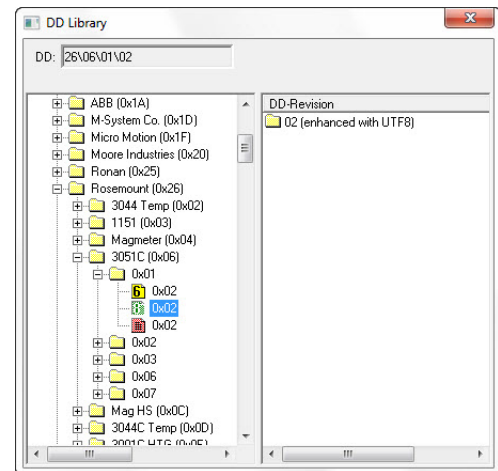
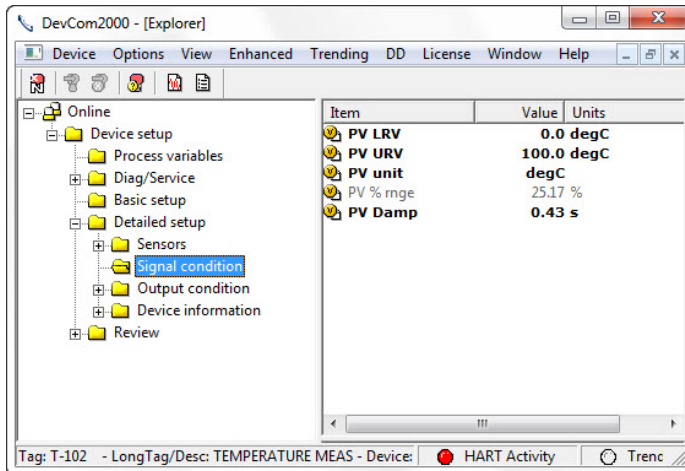




## SUB-NOEXP Update Subscription, No Expiration

### Features:

- Update DevCom2000, DevComDroid, or DevCom.iOS to include latest features
- Keep your software current with the latest revision
- Keep your DD Library current with new Device Descriptions (DDs)
- Keep your DD Library current with updated/revised DDs
- Subscription never expires!

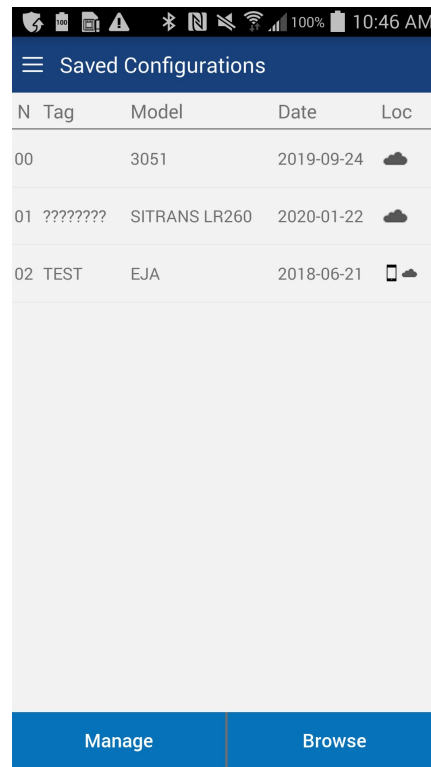
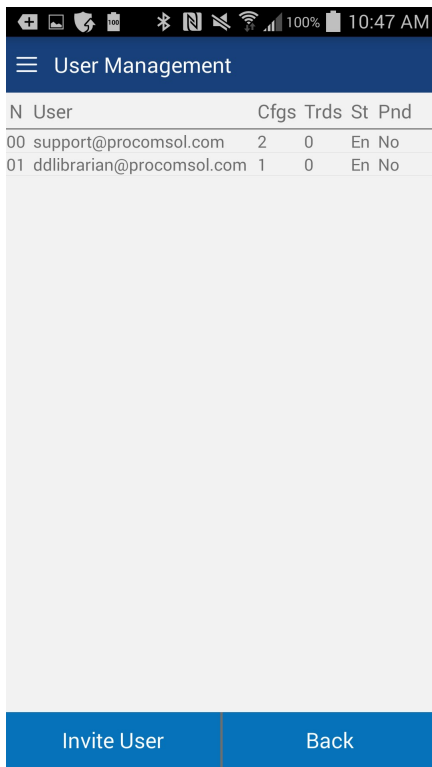


# CLOUD-1YR

## Cloud Subscription, One Year

**Features:**

- Store your device configurations on our Cloud server
- Secure and safe
- Backs up your data in case your mobile device is lost or damaged
- Share device configurations with your colleagues
- Cloud access for 1 year

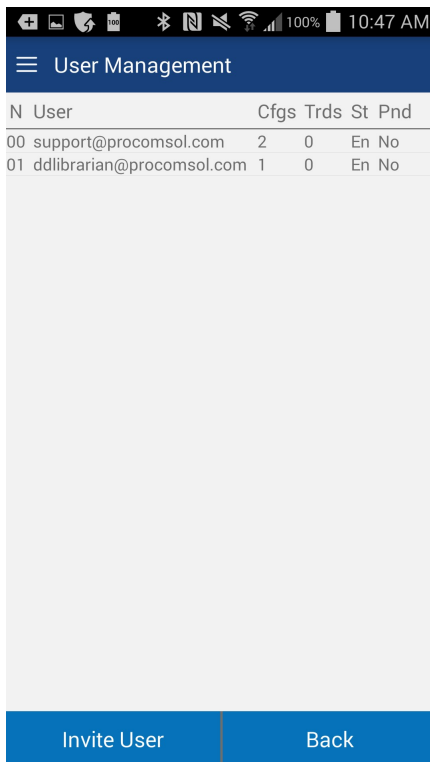


# CLOUD-NOEXP

## Cloud Subscription, No Expiration

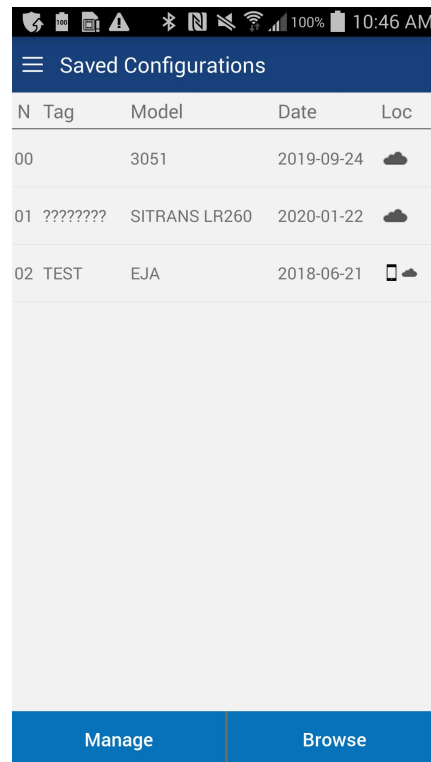
### Features:

- Store your device configurations on our Cloud server
- Secure and safe
- Backs up your data in case your mobile device is lost or damaged
- Share device configurations with your colleagues
- Cloud access does not expire



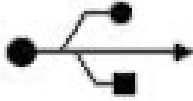
Mobile app screenshot showing the 'User Management' screen. The screen displays a table with columns: N, User, Cfgs, Trds, St, and Pnd. There are two rows of data. At the bottom, there are two buttons: 'Invite User' and 'Back'.

N	User	Cfgs	Trds	St	Pnd
00	support@procomsol.com	2	0	En	No
01	ddlibrarian@procomsol.com	1	0	En	No



Mobile app screenshot showing the 'Saved Configurations' screen. The screen displays a table with columns: N, Tag, Model, Date, and Loc. There are three rows of data. At the bottom, there are two buttons: 'Manage' and 'Browse'.

N	Tag	Model	Date	Loc
00		3051	2019-09-24	☁
01	?????????	SITRANS LR260	2020-01-22	☁
02	TEST	EJA	2018-06-21	☁



**HM-USB-ISO**  
**HART<sup>®</sup> Modem - USB**  
**Electrically Isolated**



**Features:**

- 1500 Vdc Opto Isolation between HART and USB circuits
- USB 1.1 and 2.0 compatible
- Integral standard USB type A connector
- Integral heavy duty HART Minigrabber connectors
- Certified to meet HART Physical Layer Spec HCF\_SPEC-54
- Self powered, no external power supply or batteries needed
- 48” (1.2m) cable length
- Easy to install Virtual Serial Port for any Windows application
- Compact size 2.75” x 2.0” x 0.8” (70mm x 51mm x 20mm)
- Rugged ABS plastic enclosure
- Custom cable lengths available
- Banana plug option available (HM-USB-ISO-BP)
- HART Modem Test Program included
- HART Foundation Registered, Registration Number L2-06-1000-070
- CE certified
- Cost effective
- Each unit 100% tested
- 1 Year warranty



# HM-USB-ISO

## HART<sup>®</sup> Modem - USB

### Electrically Isolated

### Specifications:

#### Enclosure

Material	High strength ABS Plastic
Dimensions	2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
Total Unit Weight	3 oz (85 g)

#### Cables

HART Cable Length	4' (1.2 m)
HART Cable Connectors	Mini-Grabber
USB Cable Length	18" (0.5 m)
USB Cable Connector	USB Type A

#### HART

Interface	Capacitive and transformer coupling
Output	600 mVpp
Leakage	< 10 uA
Isolation Voltage	1500 Vdc
Connections	Across loop resistor or HART field device
Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

#### Computer

Operating System	XP, Vista (32/64), 7 (32/64), 8 (32/64), 10 (32/64)
------------------	---

#### USB

Specifications	USB 1.1, USB 2.0
Power	USB port provides power to unit
Current Draw	20mA

#### Environmental

Operating Temperature	0 degC to 50 degC (32 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 99% (non-condensing)

#### Compliances

CE Certification	EN 61326 (EMC)
HART Registration	L2-06-1000-070



**HM-BT-BAT-ER**  
HART<sup>®</sup> Modem - Bluetooth  
Extended Range



**Benefits:**

- Access hard to reach instrumentation from the ground or your vehicle
- Improve plant personnel safety
- Easy instrument configuration using PC's or Mobile's without bulky modules or wires
- Less clutter on desk or workbench

**Features:**

- Bluetooth v2.0
- Reliable wireless communication up to 275 ft (83.8m)
- Internal antenna
- Rechargeable Li-Ion battery via mini-USB connector
- Integral heavy duty HART Minigrabber connectors
- Meets HART Physical Layer Spec HCF\_SPEC-54
- High security 128 bit encryption
- Compact size 2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
- Rugged ABS plastic enclosure
- HART Modem Test Program included for PC and Pocket PC
- Integrated loop for hanging strap attachment
- Each unit 100% tested
- 1 Year warranty





**HM-BT-BAT-ER**  
**HART<sup>®</sup> Modem - Bluetooth**  
**Extended Range**

**Specifications:**

**Enclosure**

Material High strength ABS Plastic  
Dimensions 2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)  
Total Unit Weight 6 oz (170 g)

**Cables**

HART Cable Length 4' (1.2 m)  
HART Cable Connectors Mini-Grabber

**HART**

Interface Capacitive coupling  
Output 600 mVpp  
Leakage < 10 uA  
Connections Across loop resistor or HART field device  
Specifications HART 4, HART 5, HART 6, HART 7,  
HART Physical Layer Spec HCF\_SPEC-54

**Computer**

Operating System XP, Vista (32/64), 7 (32/64), 8 (32/64), 10 (32/64)

**Bluetooth**

Specifications Bluetooth v2.0  
Frequency 2.4 GHz  
Class 1 Master Distance 275' (83.8m)  
Class 2 Master Distance 25' (7.6m)

**Battery**

Type Rechargeable Li-Ion  
Life 19 hours continuous use

**Environmental**

Operating Temperature 0 degC to 50 degC (32 degF to 122 degF)  
Storage Temperature -40 degC to 85 degC (-40 degF to 185 degF)  
Humidity 0% to 99% (non-condensing)

**Compliances**

CE Certification EN 61326 (EMC)





**HM-BLE**  
HART<sup>®</sup> Modem - Bluetooth  
Low Energy



**Benefits:**

- Access hard to reach instrumentation from the ground or your truck
- Improve plant personnel safety
- Easy instrument configuration using Mobile devices without bulky modules or wires
- Less clutter on desk or workbench

**Features:**

- Bluetooth v4.0
- Reliable wireless communication up to 328 ft (100m)
- Internal antenna
- Rechargeable Li-Ion battery via micro-USB connector
- Integral heavy duty HART Minigrabber connectors
- Meets HART Physical Layer Spec HCF\_SPEC-54
- High security 128 bit encryption
- Compact size 2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
- Rugged ABS plastic enclosure
- HART Modem Test App included for iOS and Android
- Integrated loop for hanging strap attachment
- Each unit 100% tested
- 1 Year warranty



**HM-BLE**  
**HART<sup>®</sup> Modem - Bluetooth**  
**Low Energy**

**Specifications:**

**Enclosure**

Material	High strength ABS Plastic
Dimensions	2.00" x 2.75" x 0.80" (50mm x 70mm x 20mm)
Total Unit Weight	6 oz (170 g)

**Cables**

HART Cable Length	4' (1.2 m)
HART Cable Connectors	Mini-Grabber

**HART**

Interface	Capacitive coupling
Output	600 mVpp
Leakage	< 10 uA
Connections	Across loop resistor or HART field device
Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

**Computer**

Operating Systems	Android, iOS
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**Bluetooth**

Specifications	Bluetooth v4.0
Frequency	2.4 GHz

**Battery**

Type	Rechargeable Li-Ion
Life	19 hours continuous use

**Environmental**

Operating Temperature	0 degC to 50 degC (32 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 99% (non-condensing)

**Compliances**

CE Certification	EN 61326 (EMC), Directive 2011/65/EU (RoHS)
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**HM-RS232-ISO**  
**HART® Modem - RS232**  
**Electrically Isolated**



**Features:**

- 1500 Vdc Opto Isolation between HART and RS232 circuits
- Integral standard RS-232 female connector
- Integral heavy duty HART Minigrabber connectors
- Designed to meet HART Physical Layer Spec HCF\_SPEC-54
- Self powered, no external power supply or batteries needed
- 48” (1.2m) cable length
- No driver installation necessary
- Compact size 2.75” x 2.0” x 0.8” (70mm x 51mm x 20mm)
- Rugged ABS plastic enclosure
- Custom cable lengths available
- HART Modem Test Program included
- HART Foundation Registered, Registration Number L2-06-1000-305
- CE certified
- Cost effective
- Each unit 100% tested
- 1 Year warranty



**HM-RS232-ISO**  
**HART<sup>®</sup> Modem - RS232**  
**Electrically Isolated**

**Specifications:****Enclosure**

Material	High strength ABS Plastic
Dimensions	2.75" x 2.0" x 0.8" (70mm x 51mm x 20mm)
Total Unit Weight	4.8 oz (136 g)

**Cables**

HART Cable Length	4' (1.2 m)
HART Cable Connectors	Mini-Grabber
RS232 Cable Length	18" (0.5 m)
Cable Connector	RS232 Female

**HART**

Interface	Capacitive and transformer coupling
Output	600 mVpp
Leakage	< 10 uA
Isolation Voltage	1500 Vdc
Connections	Across loop resistor or HART field device
Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54
HART Foundation	Registration Number L2-06-1000-305

**Computer**

Operating System	XP, Vista (32/64), 7 (32/64), 8 (32/64), 10 (32/64)
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**RS232**

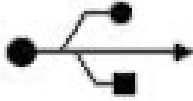
Power	RS232 port provides power to unit
Current Draw	17mA

**Environmental**

Operating Temperature	0 degC to 50 degC (32 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 99% (non-condensing)

**Compliances**

CE Certification	EN 61326 (EMC)
------------------	----------------



**HM-USB-PWR**  
**HART<sup>®</sup> Modem - USB**  
**Integrated Power Supply**



**Features:**

- Combination HART Modem and Power Supply for HART transmitters
- +24Vdc supply from USB connection to PC or AC outlet
- 1500 Vdc Opto Isolation between HART and USB circuits
- USB 1.1 and 2.0 compatible
- Integral standard USB type A connector
- Heavy duty HART Mini grabber connectors
- Designed to meet HART Physical Layer Spec HCF\_SPEC-54
- Self powered, no external power supply or batteries needed
- 6' (1.8m) cable length
- Easy to install Virtual Serial Port for any Windows application
- Compact size 5.5" x 2.5" x 1.0" (140mm x 64mm x 25mm)
- Rugged ABS plastic enclosure
- HART Modem Test Program included (Windows)
- HART Foundation Registered (pending), Registration Number tbd
- CE certified
- Cost effective
- Each unit 100% tested
- 1 Year warranty





**HM-USB-PWR**  
**HART<sup>®</sup> Modem - USB**  
**Integrated Power Supply**

**Specifications:**

**Enclosure**

Material High strength ABS Plastic  
Dimensions 5.5" x 2.5" x 1.0" (140mm x 64mm x 25mm)  
Total Unit Weight 6.4 oz (181 g)

**Cables**

Cable Length 6' (1.8 m)  
USB Cable Connector USB Type A

**HART**

Interface Capacitive and transformer coupling  
Output 600 mVpp  
Leakage < 10 uA  
Isolation Voltage 1500 Vdc  
Specifications HART 4, HART 5, HART 6, HART 7,  
HART Physical Layer Spec HCF\_SPEC-54  
HART Foundation Registration Number tbd (pending)

**Computer**

Operating System Windows XP, Vista (32/64), 7 (32/64), 8 (32/64), 10 (32/64)  
Android 4.3

**USB**

Specifications USB 1.1, USB 2.0  
Power USB port provides power to unit  
Current Draw 30mA (Modem Only Mode)  
225mA (Power Supply Mode)

**Environmental**

Operating Temperature 0 degC to 50 degC (32 degF to 122 degF)  
Storage Temperature -40 degC to 85 degC (-40 degF to 185 degF)  
Humidity 0% to 95% (non-condensing)

**Compliances**

CE Certification EN 61326 (EMC), Directive 2011/65/EU (RoHS)



# HMUX-4-DS

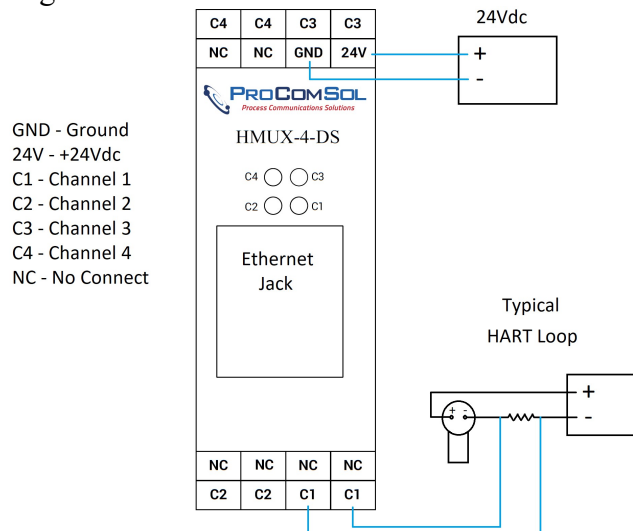
## HART Multiplexer, 4 Channels, Dual Speed



Perform HART communications using your Ethernet networking infrastructure. Access HART instrument measurements and status from anywhere in the world via the Internet.

### Features:

- 500 VAC Isolation between HART and Ethernet
- Designed to meet HART Physical Layer Spec HCF\_SPEC-54 for FSK
- Designed to meet HART Physical Layer Spec HCF\_SPEC-60 for PSK
- Compact size 0.9" x 3.9" x 4.5" (22mm x 99mm x 114mm)
- Rugged ABS plastic enclosure
- CE certified
- Works with DevCom2000, DevCom.iOS, and DevComDroid
- 1 Year warranty
- HART-IP Support
- 4 Channels
- HART Dual Speed FSK (1200bps) and PSK (9600 bps)
- RJ45 connection to Ethernet
- Supports HART versions 5, 6, and 7
- 24 Vdc input power
- DIN Rail mounting





Wiring Diagram

**HMUX-4-DS**  
HART Multiplexer, 4  
Channels, Dual Speed

**Specifications:**

**Enclosure**

Dimensions 0.9" x 3.9" x 4.5" (22 mm x 99 mm x 114 mm)  
Total Unit Weight 7.5 oz (213 g)

**Power**

Supply Range 19 to 30 Vdc, 24 Vdc nominal  
Current Draw 30mA at 24Vdc input

**Safety**

Isolation 500 VAC between Ethernet and field device connections

**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 (FSK)  
HART Physical Layer Spec HCF\_SPEC-60 (PSK)

**Connections**

HART Screw terminals  
Ethernet Connector RJ45  
Protocol HART-IP

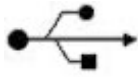
**Environmental**

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, RoHS





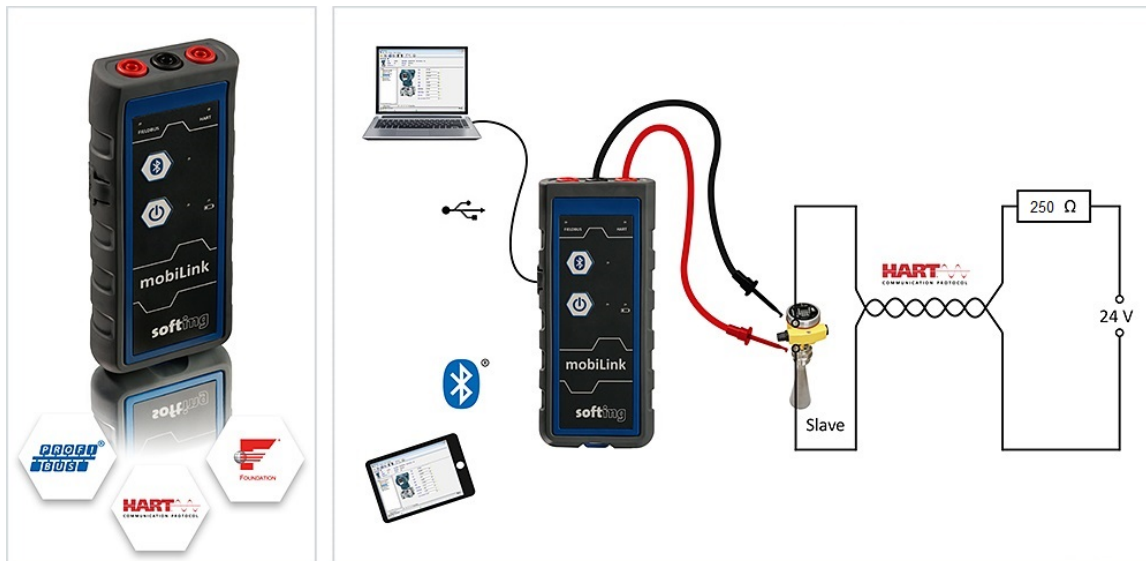
**MOBI-HART**  
mobiLink Modem for  
HART<sup>®</sup>



Perform HART communications in hazardous areas using Bluetooth interface. USB interface for non-hazardous areas. Foundation Fieldbus support available, see MOBI-FF.

**Features:**

- Compliant HART Master
- Suitable for Hazardous areas, Zone 1
- Rugged enclosure to IP54 standard
- USB interface (safe area only)
- Bluetooth interface
- Battery powered, over 45 hours of continuous operation
- HART DTM included
- Works with DevComDroid



Connection to HART Device

# MOBI-HART mobiLink Modem for HART<sup>®</sup>

## 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, $U_i = 30$ V, $C_i = 5$ nF, Li negligible low FISCO field device
Isolation	1500 VDC between USB and field device connections

### 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 (32/64), 8 (32/64), 10 (32/64) Not needed for DevComDroid
------------------	--

### 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

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, RED, RoHS, WEEE See user manual for details
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# MOBI-FF

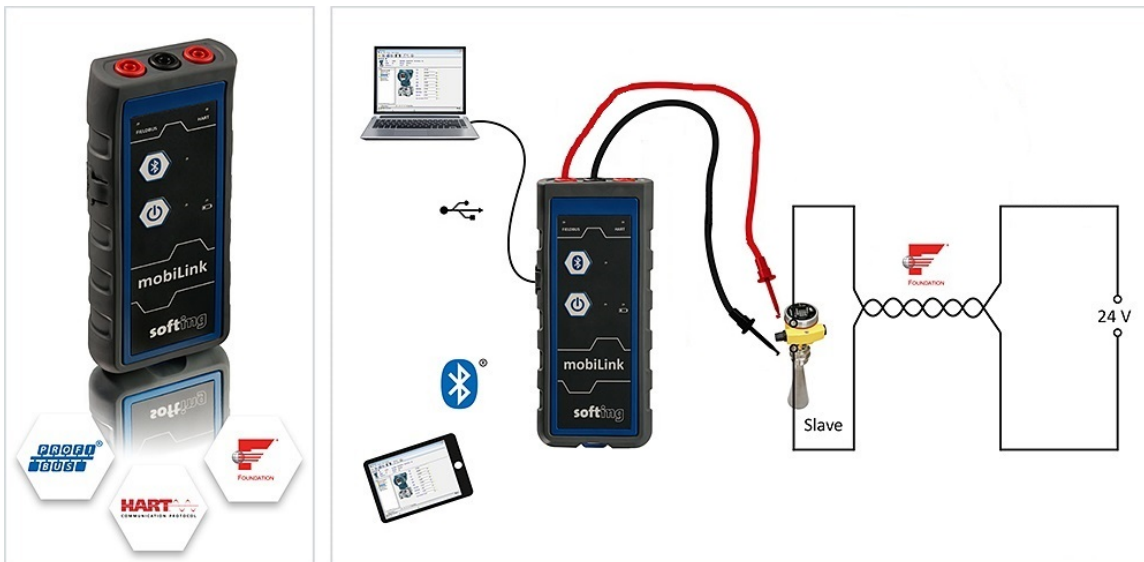
## mobiLink Modem for FF and HART®



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

**Features:**

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



Connection to FF Device



## MOBI-FF mobiLink Modem for FF and HART<sup>®</sup>

### 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,  $U_i = 30$  V,  $C_i = 5$  nF, Li negligible low  
FISCO field device  
Isolation 1500 VDC between USB and field device connections

#### FF

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 (32/64), 8 (32/64), 10 (32/64)  
Not needed for DevComDroid

#### 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

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, RED, RoHS, WEEE  
See user manual for details



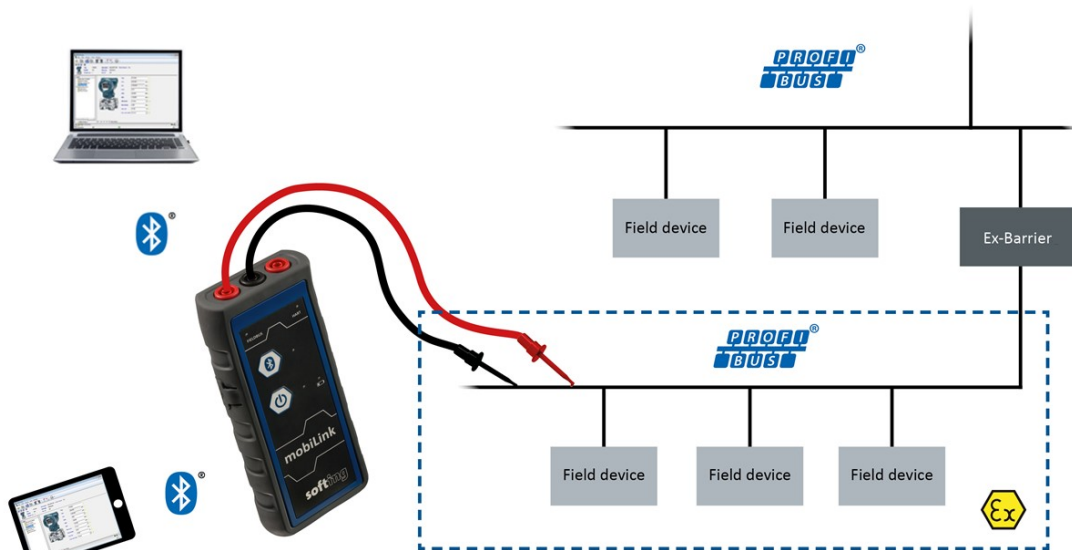
## MOBI-PA mobiLink Modem for Profibus PA and HART®



Perform Profibus PA and HART communications in hazardous areas using Bluetooth interface. USB interface for non-hazardous areas.

### Features:

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



Connection to Profibus PA Network



## MOBI-PA mobiLink Modem for Profibus PA and HART<sup>®</sup>

### 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, Ci 5 nF, Li negligible low  
FISCO field device  
Isolation 1500 VDC between USB and field device connections

#### 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 (32/64), 8 (32/64), 10 (32/64)  
Not needed for DevComDroid

#### 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  
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, RED, RoHS, WEEE  
See user manual for details



**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 interface
- Battery powered, over 45 hours of continuous operation
- FF DTM included
- Profibus PA DTM included
- HART DTM included
- Works with DevComDroid (for HART)



mobiLink Modem



## MOBI-CMPLT mobiLink Modem for FF, Profibus PA, and HART®

### 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, Ci 5 nF, Li negligible low FISCO field device
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 (32/64), 8 (32/64), 10 (32/64) Not needed for DevComDroid
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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
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, RED, RoHS, WEEE See user manual for details
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## Cabling Options

We offer several cabling options to meet your application needs:

### CN-LENGTH



#### **Custom Cable Length Option**

Change the standard 4 ft length to whatever length you need.

Order as:  
CN-LENGTH – XX, Where XX is cable length in feet.

### - BP



#### **Banana Plug Option**

Standard banana plugs allow the user to attach the tests connectors of their choice.

Order as:  
HM-USB-ISO-BP – For HM-USB-ISO Modem  
HM-BT-BAT-ER-BP – For HM-BT-BAT-ER Modem

### CN-KIT-01



#### **Banana Jack Connector Kit**

Kit of four different connector types.  
Designed for use with the BP option modems.

Order as:  
CN-KIT-01

# BT-ADAPTER

## Bluetooth USB Adapter



### Benefits:

- Add Bluetooth to your PC
- Access hard to reach instrumentation from the ground or your truck
- Improve plant personnel safety
- Easy instrument configuration without bulky modules or wires
- Less clutter on desk or workbench

### Features:

- Bluetooth Class 1 v2.0
- Compatible with Bluetooth v1.1 and v1.2
- Reliable wireless communication up to 330 ft (100m)
- Internal antenna
- USB connection
- Self powered via USB
- Compact size 2.95" x 2.20" x 0.43" (24mm x 56mm x 11mm)
- Rugged ABS plastic enclosure
- 1 Year warranty





**BT-ADAPTER**  
Bluetooth USB Adapter

**Specifications:**

**Enclosure**

Material High strength ABS Plastic  
Dimensions 0.95" x 2.2" x 0.43" (24mm x 56mm x 11mm)  
Total Unit Weight 0.3 oz (8.5 g)

**Computer**

Operating System Windows 2000, XP, Vista (32/64), 7 (32/64), 8 (32/64)

**Bluetooth**

Specifications Bluetooth v2.0  
Frequency 2.4 GHz  
Range 330' (100m)

**Environmental**

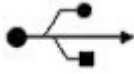
Operating Temperature 0 degC to 50 degC (32 degF to 122 degF)  
Storage Temperature -40 degC to 85 degC (-40 degF to 185 degF)  
Humidity 0% to 99% (non-condensing)

**R-LOOP**  
250 Ohm Resistor

**Description:**

250 ohm resistor provides necessary loop resistance for the HART signal.

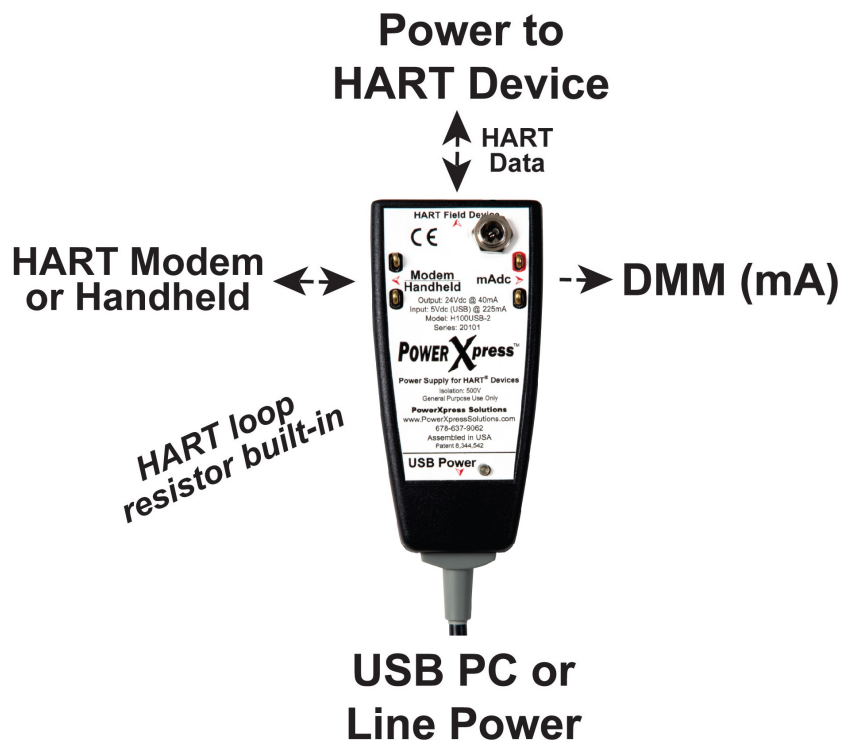




**PS-XPRESS**  
**HART<sup>®</sup> Power**  
**Solution**

**Features:**

- Quickly supplies 24Vdc power to 2-wire field devices
- Greatly simplifies wiring for field device testing and configuration
- Integrated connections for your DMM and HART modem
- Internal 250 ohm loop resistor for HART Communications
- Completely portable through USB connection to laptop
- Rugged ABS plastic enclosure
- Convenient mini-grabber connection points
- Cost effective
- Each unit 100% tested
- 1 Year warranty



# PS-XPRESS

## HART<sup>®</sup> Power Solution

### Specifications:

#### Enclosure

Material	High strength ABS Plastic
Dimensions	3.75" x 1.75" x 0.75" (95mm x 44mm x 19mm)
Total Unit Weight	5 oz (142 g), complete kit 13 oz (369 g)

#### Cables

Power Cable Length	16" (0.4 m)
Power Cable Connectors	Mini-Grabber
USB Cable Length	6.5' (2.0 m)
USB Cable Connector	USB Type A

#### HART

Output	24Vdc @ 40mA
Isolation Voltage	1000 Vdc
Connections	Includes 250 ohm loop resistor
Specifications	HART 4, HART 5, HART 6, HART 7

#### Computer

Operating System	No Operating System Requirements
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#### USB

Specifications	USB 1.1, USB 2.0
Power	USB port provides power to unit
Current Draw	225mA
AC Power Adapter	100-240Vac 50/60Hz to Output 5Vdc @ 1.0A

#### Environmental

Operating Temperature	0 degC to 50 degC (32 degF to 122 degF)
Storage Temperature	-40 degC to 85 degC (-40 degF to 185 degF)
Humidity	0% to 99% (non-condensing)
Area Classification	General Purpose

PS-24V  
Power Supply, 24Vdc

**Description:**

24Vdc power supply to provide power to 2 wire HART instruments

**Benefits:**

- Power your HART instruments in the lab, in the office, or on the road
- Power HART instruments on dark loops in the field
- Alligator clips can connect to almost any terminal type
- 120Vac input
- Less clutter in work area
- Cost effective
- Lightweight
- Convenient
- 1 Year warranty



PS-24V  
Power Supply, 24Vdc

**Specifications:**

Input Voltage	120Vac, 60Hz
Output Voltage	24Vdc
Maximum Current	1 A
Size	2.7" W x 3.4" H x 2.2" D (68.5mm x 87.5mm x 55.5mm)
Weight	6.8 oz (193g)
Cable length	6 ft (1.8m)



## HANG-STRAP Adjustable Strap

### **Description:**

Adjustable nylon strap to hang the HM-BT-BAT-ER modem while connected to instrumentation.

### **Benefits:**

- Keeps the modem safely secured during HART communications
- Can hang from pipes, ductwork, conduit, etc.
- Less clutter in work area
- Versatile
- Rugged
- 1 Year warranty



# HANG-STRAP Adjustable Strap

## **Specification:**

Material	Nylon
Size	33" L x 1" W, Adjustable to 60" L
Connectors	2 x Swivel Snap Hooks

## 2021 Products and Price List

**Software/Apps**

DevCom2000: Smart Device Communicator Software for Windows	\$900.00
DevComDroid: Smart Device Communicator Software for Android	\$900.00
DevCom.iOS: Smart Device Communicator Software for iOS	\$900.00
Note: Also available on the Apple App Store	

SUB-1YR: Update Subscription, 1 year	\$100.00
SUB-NOEXP: Update Subscription, No Expiration	\$500.00
CLOUD-1YR: Cloud Subscription, 1 year	\$200.00

**Complete Systems for Windows**

COM-PC: Smart Communicator PC	\$1300.00
COM-PWR: Smart Communicator Power	\$1475.00
COM-TABLET: Smart Communicator Tablet PC	\$2200.00
COM-TABLET-R: Rugged Smart Communicator Tablet PC	\$3000.00
COM-TABLET-C1D2: Hazardous Area Smart Communicator Tablet PC	\$5200.00

**Complete Systems for Android**

COM-DROID: Smart Communicator for Android	\$1300.00
COM-TABLET-AN-8: 8 Inch Smart Communicator Android Tablet	\$2000.00
COM-TABLET-AN-C1D1: Hazardous Area Smart Comm Android Tablet (Class 1, Division 1)	\$4700.00
COM-TABLET-AN-C1D2: Hazardous Area Smart Comm Android Tablet (Class 1, Division 2)	\$3150.00

**HART Modems**

HM-USB-ISO: Isolated USB Modem	\$400.00
HM-USB-ISO-BP: Banana Plug HART Cable Option	\$430.00
HM-BT-BAT-ER: Extended Range Bluetooth Modem	\$400.00
HM-BT-BAT-ER-BP: Banana Plug HART Cable Option	\$430.00
HM-BLE: Low Energy Bluetooth Modem	\$400.00
HM-BLE-BP: Banana Plug HART Cable Option	\$430.00
HM-RS232-ISO: Isolated RS232 Modem	\$350.00
HM-RS232-ISO-BP: Banana Plug HART Cable Option	\$380.00
CN-LENGTH: Custom Cable Length (for the above modems)	\$50.00
HM-USB-PWR: USB HART Modem, Integrated Power Supply	\$650.00
HMUX-4-DS: HART Multiplexer, 4 Channels, Dual Speed, HART-IP	\$1200.00
MOBI-HART: mobiLink Modem for HART	\$1300.00

(Continued on next page)

2021 Products  
and Price List  
(continued)

**Foundation Fieldbus (FF) Modem**

MOBI-FF: mobiLink Modem for FF and HART \$1900.00

**Profibus PA Modem**

MOBI-PA: mobiLink Modem for Profibus PA and HART \$1800.00

**Multi Fieldbus Modem**

MOBI-CMPLT: mobiLink Modem for FF, Profibus PA and HART \$2400.00

**Accessories:**

BT-ADAPTER: Bluetooth USB Adapter, Class 1	\$50.00
CN-KIT-01: Connector kit for –BP option units	\$50.00
CN-1014, USB Adapter, micro-USB	\$10.00
CN-1015, USB Adapter, USB-C	\$10.00
R-LOOP: 250 Ohm Loop Resistor	\$5.00
PS-XPRESS: HART Power Supply	\$400.00
PS-24V: 24Vdc Power Supply	\$70.00
HANG-STRAP: Adjustable Strap	\$20.00

All prices in US Dollars

## Quality, Warranty, and Ordering Information

### **Quality:**

Our quality system has been registered to ISO 9001:2008. Initial registration in 2006.

### **Warranty:**

All products are warranted to be free from defects for 1 year.

### **Ordering:**

American Express, Visa, MasterCard, and Discover accepted.  
Credit via Net 30 account is also available for qualified customers.  
Order online, by E-mail, by telephone, or through distributors.

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