ProComSol
Process Communications Solutions

Archway Control, LP
Process Control & Instrumentations

HART
COMMUNICATION PROTOCOL

Advanced, Cost-effective, and Reliable HART® Communication Products

DevCom2000
HART Field Device
Windows PC
HART Interface
HM-USB, HM-BT-BAT
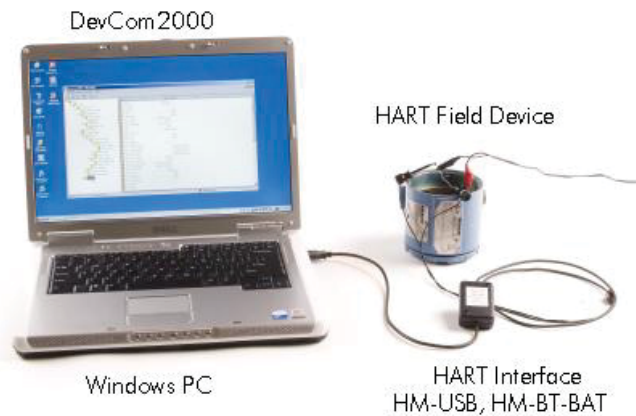
ProComSol, Ltd (Process Communications Solutions) was founded in 2005 dedicated to providing products for users of HART technology. We established our reputation with reliable USB HART modems certified by the HART Communication Foundation. The HM-USB-ISO HART Modem is the most cost-effective certified 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.

Our HART Communicator software products (DevCom2000 and DevComDroid) 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 HART Communication Foundation. 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

New!
Now with HART-IP!

DevCom2000
Smart Device Communicator

Benefits:

- Perform complete HART® 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 *Wireless*HART® devices, and now HART-IP
- Comes with ALL the latest registered DD's from the HART Foundation
- 1 Year warranty
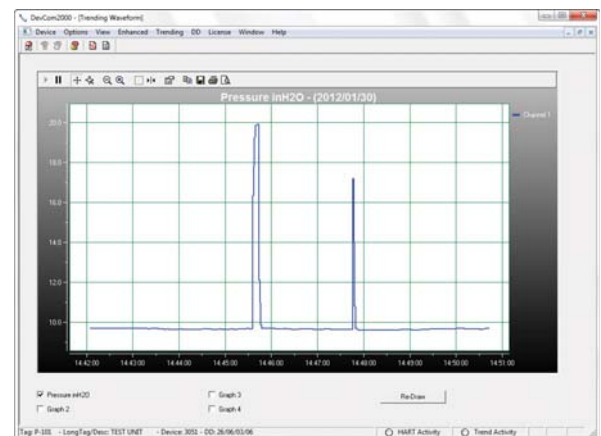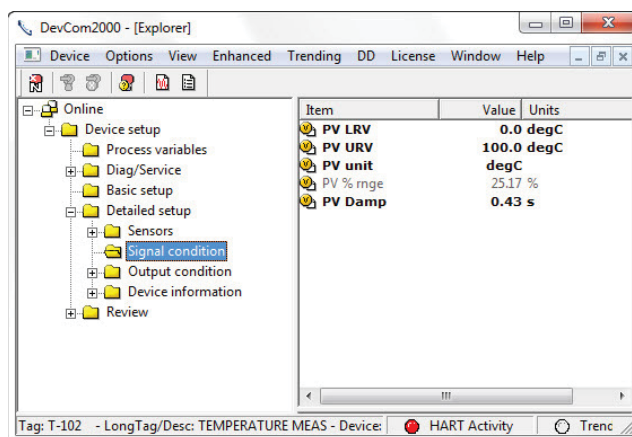
Sample Screen Shots (DevCom2000 Explorer and DevCom2000 Trend Display)

DevCom2000
Smart Device Communicator

Specifications:

System Requirements (minimums)

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

Device Descriptions (DD's)

DD Library	Included
Generic DD	Included
Current Library	HCF Release 2014 No. 2 (contact us for latest data)
Number of devices	1382 (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

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ISO 9001:2008 Certified
Phone: (319) 835-9090 - Mobile: (309) 258-0410 - Fax: (206) 984-4456
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ProComSol
Process Communications Solutions

Archway Control, LP
Process Control & Instrumentations

HART
COMMUNICATION PROTOCOL

New!

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

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DevComDroid
Mobile Smart Device Communicator Android

Specifications:

System Requirements (minimums)

Operating System	Android Ice Cream Sandwich (4.0.3)
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, or equivalent

Device Descriptions (DD's)

DD Library	Included
Generic DD	Included
Current Library	HCF Release 2014 No. 1 (contact us for latest data)
Number of devices	1382 (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

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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.

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COM-PC
Smart Communicator PC

Specifications:

DevCom2000 Smart Device Communicator Software

DD Library	Included
Generic DD	Included
Current Library	HCF Release 2014 No. 2 (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
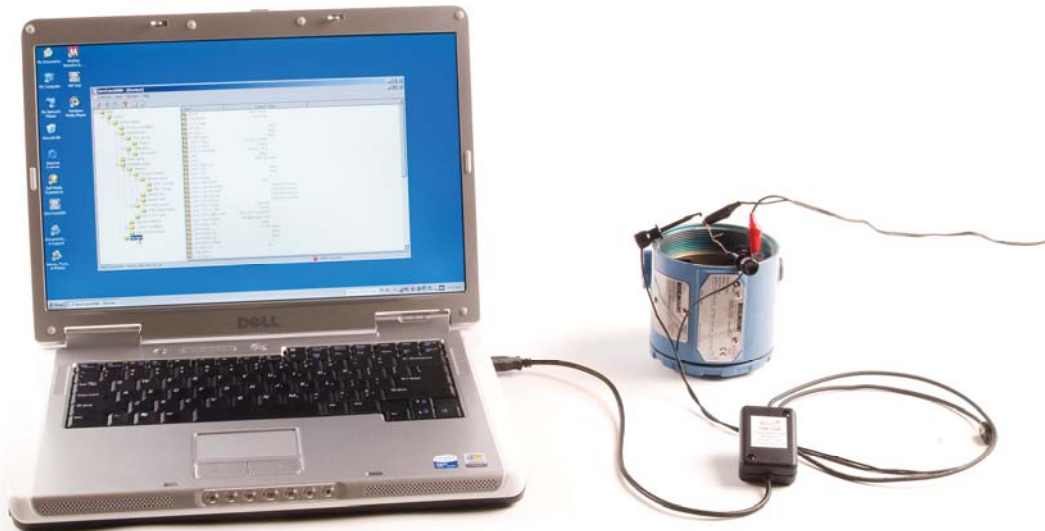## Smart Communicator for Android

New!

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.

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COM-DROID
Smart Communicator
Android

Specifications:

DevComDroid Smart Device Communicator Software

DD Library	Included
Generic DD	Included
Current Library	HCF Release 2014 No. 2 (call for latest data)
DD Updates	Quarterly updates for 1 year free
DD Specification	Enhanced DDL standard (IEC 61804-3)
Operating System	Android Ice Cream Sandwich (4.0.3)

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.

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COM-TABLET
Smart Communicator
Tablet PC

Description:

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

Includes:

- ASUS Transformer Book T100 PC with Bluetooth, Wi-Fi, Windows 8, Keyboard Docking Station, 64 GB Memory, 10.1 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!

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COM-TABLET
Smart Communicator
Tablet PC

Specifications:

ASUS Transformer Book T100

Operating System	Windows 8.1
Screen	256-color VGA (1366 x 768 pixels) Touch Screen
Communications	Bluetooth 4.0, 802.11b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	64 GB Flash
Camera	1.2 Megapixel
Keyboard	Detachable docking station

DevCom2000 Smart Device Communicator Software

DD Library	Included
Generic DD	Included
Current Library	HCF Release 2014 No. 2 (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	13-1/2" L x 10" W x 3-3/4" H

Note: For full specifications see individual data sheets.

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COM-TABLET-R
Rugged
Smart Communicator
Tablet PC

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

Includes:
- Durabook CA 10 semi-rugged tablet PC with Bluetooth 3.0 EDR, Windows 7, 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!

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COM-TABLET-R
Rugged
Smart Communicator
Tablet PC

Specifications:

Durabook CA10

Operating System	Windows 7
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	HCF Release 2014 No. 2 (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

Note: For full specifications see individual data sheets.

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COM-TABLET-8
8 Inch
Smart Communicator
Tablet PC

Description:
Combines all components needed for a small, lightweight, cost-effective HART® Hand-Held Communicator

Includes:
- Acer ICONIA Tab W4 820 PC with Bluetooth, Windows 8, WI-FI, 8" 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!

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HART
COMMUNICATION PROTOCOL

COM-TABLET-8
8 Inch
Smart Communicator
Tablet PC

Specifications:

Acer ICONIA W4 820

Operating System	Windows 8.1
Screen	8 Inch, WXGA 1280 x 800 pixel, 8" Touch Screen
Communications	Bluetooth 4.0, WLAN 1x1 b/g/n
Bluetooth Modem Range	30 ft (10m)
Memory	2 GB RAM, 32GB Storage
Camera	5.0 Megapixel (front), 2.0 Megapixel (back)

DevCom2000 Smart Device Communicator Software

DD Library	Included
Generic DD	Included
Current Library	HCF Release 2014 No. 2 (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	13-1/2" L x 10" W x 3-3/4" H

Note: For full specifications see individual data sheets.

DD-LIB-1YR
DD Library Subscription

Features:

- Keep your DD Library current with new Device Descriptions (DDs)
- Keep your DD Library current with updated/revised DDs
- Easy to use web based updates
- One year worth of updates (4 updates)
- Included free with first year warranty
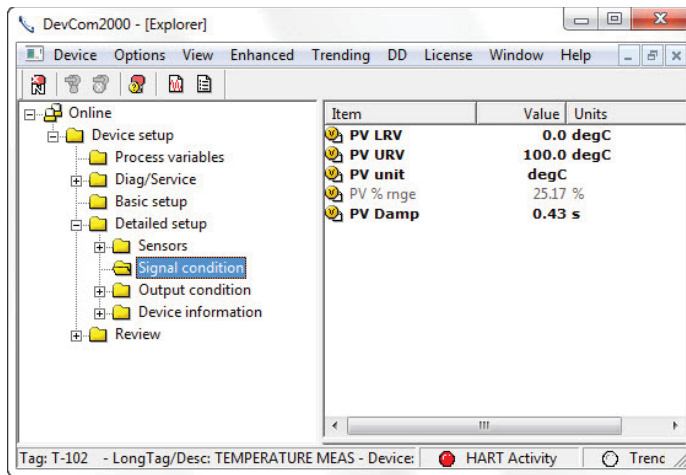- For both Windows and Android™ devices

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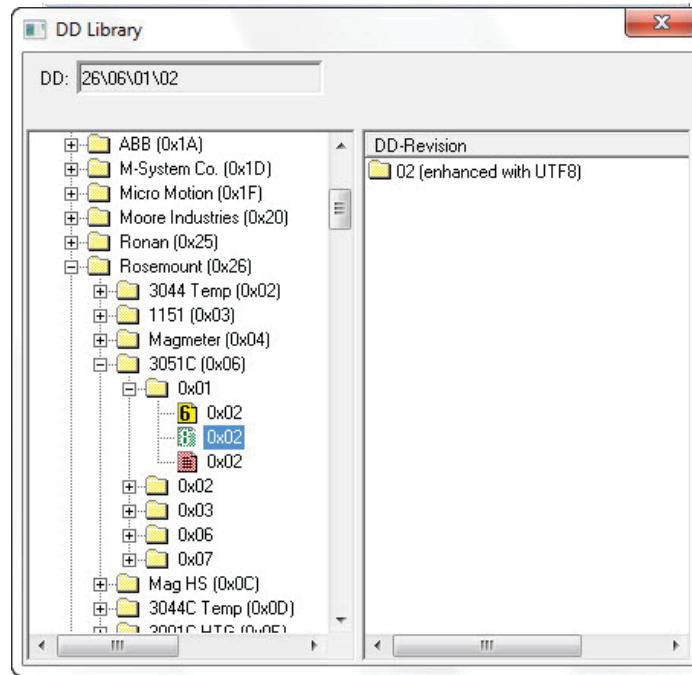
SW-UP-1YR
Software Upgrade

Features:

- Upgrade DevCom2000 or DevComDroid to include latest features
- Keep your software current with the latest revision
- Upgrade for 1 year
- Included free with first year warranty
- For both Windows and Android™ devices

HM-USB-ISO
HART® Modem - USB
Electrically Isolated

HART REGISTERED

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

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HM-USB-ISO
HART® 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	Windows NT, 2000, XP, Vista (32/64), 7 (32/64), 8 (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

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HM-BT-BAT-ER
HART® 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

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HM-BT-BAT-ER
HART® 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	Windows NT, 2000, XP, Vista (32/64), 7 (32/64), 8 (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)

HM-RS232-ISO
HART® Modem - RS232
Electrically Isolated

C E

HART REGISTERED

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® 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	Windows NT, 2000, XP, Vista (32/64), 7 (32/64), 8 (32/64)

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)

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

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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)

ProComSol
Process Communications Solutions

Archway Control, LP
Process Control & Instrumentations

HART
COMMUNICATION PROTOCOL

R-LOOP
250 Ohm Resistor

Description:

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

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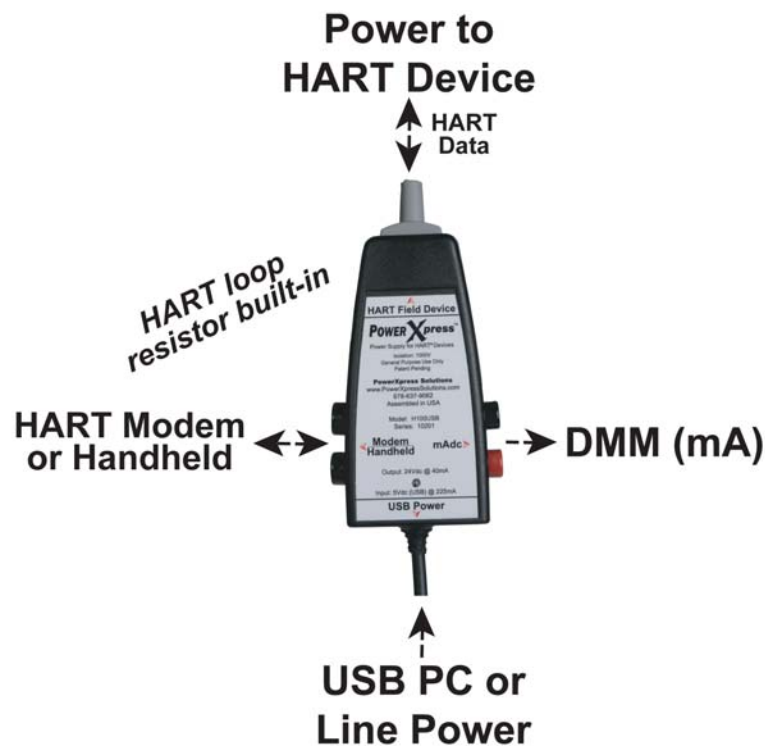**Email: ProComSol@archwaycontrol.com - Web: www.archwaycontrol.com**

PS-XPRESS
HART® 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
- Designed to work with all ProComSol, Ltd HART modems, but is ideal for our HM-USB-ISO-BP Banana Plug HART Modem
- Cost effective
- Each unit 100% tested
- 1 Year warranty

MK-1013, 12/02/2014   Our Quality Management System is   Page 29
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PS-XPRESS
HART® 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
Adapter plugs	2 pc banana plug to mini-grabber, 2 pc wire to banana plug and 2 pc quick connect using min-grabber

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

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

ProComSol
Process Communications Solutions

Archway Control, LP
Process Control & Instrumentations

HART
COMMUNICATION PROTOCOL

HANG-STRAP
Adjustable Strap

Specification:

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

ProComSol
Process Communications Solutions

Archway Control, LP
Process Control & Instrumentations

HART
COMMUNICATION PROTOCOL

2014 Products and Price List

Software

DevCom2000: Smart Device Communicator Software for Windows	$800.00
DevComDroid: Smart Device Communicator Software for Android	$800.00
DD-LIB-1YR: DD Library Subscription, 1 year	$100.00
SW-UP-1YR: Software Upgrade	$200.00

Complete Systems

COM-PC: Smart Communicator PC	$1100.00
COM-DROID: Smart Communicator for Android	$1150.00
COM-TABLET: Smart Communicator Tablet PC	$1900.00
COM-TABLET-R: Rugged Smart Communicator Tablet PC	$2500.00
COM-TABLET-8: 8 Inch Smart Communicator Tablet PC	$1700.00

HART Modems

HM-USB-ISO: Isolated USB Modem	$300.00
HM-USB-ISO-BP: Banana Plug HART Cable Option	$330.00
HM-BT-BAT-ER: Extended Range Bluetooth Modem	$350.00
HM-BT-BAT-ER-BP: Banana Plug HART Cable Option	$380.00
HM-RS232-ISO: Isolated RS232 Modem	$300.00
HM-RS232-ISO-BP: Banana Plug HART Cable Option	$330.00
CN-LENGTH: Custom Cable Lengths	$50.00

Accessories:

BT-ADAPTER: Bluetooth USB Adapter, Class 1	$50.00
CN-KIT-01: Connector kit for –BP option units	$50.00
R-LOOP: 250 Ohm Loop Resistor	$5.00
PS-XPRESS: HART Power Supply	$400.00
PS-24V: 24Vdc Power Supply	$70
HANG-STRAP: Adjustable Strap	$20

All prices in US Dollars