


HART Communicator Windows Tablet (COM-1) Datasheet



Product Description

Our HART Communicator COM-1 is everything you need to communicate with and configure all HART transmitters / HART devices / HART instruments quickly and easily.



Benefits:

- Everything you need to communicate with and completely configure all HART devices including HART 7, HART-IP and WirelessHART
- Supports HART DD files directly, no modified/special DD's required. You can add new HART devices just by adding the DD file without having to pay any update/maintenance charges
- All the benefits of using a modern rugged IP67 rated Windows Tablet for HART configuration
- Create and save HART device configuration templates for easy configuration of batches of HART devices (HART device cloning). Templates can also be shared with all our HART Communicators (Windows PC/Laptop/Tablet and Android Phone/Tablet)
- Document HART device configurations in PDF or TXT format. Provides reports/audit trails of HART device configurations – View a sample PDF Report
- Monitor and trend/graph any device parameter (e.g. PV, Multi-Variables, Device Status, etc.)
- View and edit device variables. Device writes can be made in batches to speed up device configuration, hence saving time if several variables need to be changed
- Access HART-IP and WirelessHART devices via WiFi connection to LAN and WirelessHART Gateway
- Supplied with a Bluetooth HART Modem to support wire free use of the HART Communicator which isolates the HART Communicator from potentially damaging voltage levels when connecting to HART field devices and networks

- Supports all HART Modems: RS232 (Serial) HART Modems, USB HART Modems and Bluetooth HART Modems

Features:

- Windows Explorer menu layout
- Device menu structure is easy to navigate
- Get to the information you want quickly
- Communication and Event Logs
- Complies with new EDDL (Enhanced DDL) standard (IEC 61804-3)
- Comes with all the latest registered DD's from the HART Foundation
- Complete access to all features of the device DD including Methods
- Full documentation and free support provided
- 1 Year warranty

We provide (included):

Our Windows Tablet based HART Communicator (called "COM-1") which comes ready to use out of the box. It is pre-configured for you and consists of the following:

- An 8" Windows IP67 rated tablet
- HART Communicator software (DevCom2000) installed and licensed
- Bluetooth HART Modem (called HM-BT-BAT-ER)
- HM-Test software to easily test if the HART Modem has been installed and configured correctly
- Pack of 5 HART Shunt / Loop resistors
- User Manual in pdf format
- Carry/storage case

You will additionally be sent any HART DD library updates issued by the FieldComm Group (formerly the HART Communication Foundation) for a period of 12 months after your purchase. Typically, the FieldComm Group issues updates every 3 – 6 months. After 12 months we will stop automatically sending you updates, however, you can freely download any DD updates from the “supplier product catalogue” of the FieldComm Group’s HART website, www.hartcomm.org

You will need (i.e. not included):

1. A HART device/transmitter to configure (obvious, but we thought we should mention it)
 - A way of powering the HART device you want to configure, typically 24Vdc

Specifications:

Windows IP67 rated Tablet

Operating System	Windows 10 32bit
Processor	Intel Baytrail-T(Quad-core),Z3735F
Memory	2 GB
Storage	32 GB
Display	8" IPS 1280x800 with Multi-Touch Screen
Tablet Weight	0.7kg
Tablet Features	WiFi 802.11 a/b/g/n, Bluetooth™ V4.0, MicroSD card slot, USB & Micro USB 2.0, Micro HDMI port, Headphone output/Microphone input combo jack
Dock Ports	1 docking connector on the bottom edge of the unit
Accessories	Supplied with charger and charging cable

HART Communicator software (DevCom2000)

DD Library	Includes HART Communication Foundation's latest release
Generic DD	Included
DD Updates	Quarterly updates are sent to you automatically for 1 year. Thereafter updates are manually available free of charge from www.hartcomm.org

Bluetooth HART Modem (HM-BT-BAT-ER)

Dimensions	50mm x 70mm x 20mm
Total Unit Weight	170 g
HART Specifications	HART 4, HART 5, HART 6, HART 7, HART Physical Layer Spec HCF_SPEC-54

HART Loop / Shunt Resistors

Rating	High specification makes this suitable for use in almost all circumstances including HART Multidrop loops of up to 31 loop powered devices
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Carrying/Storage Case

Size	390(W) x 285(H) x 100(D)mm
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