HM-BT-BAT-ER
HART® Modem - Bluetooth Extended Range

CE

RoHS ✓

Benefits:
- Access hard to reach instrumentation from the ground or your truck
- Improve plant personnel safety
- Easy instrument configuration using PC's or Mobile devices 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 Windows
- Integrated loop for hanging strap attachment
- Each unit 100% tested
- Works with DevCom2000 and DevComDroid
- 1 Year warranty

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 XP, Vista (32/64), 7 (32/64), 8 (32/64), 10 (32/64)
	Android 4.3 and higher

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), Directive 2011/65/EU (RoHS)

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