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

**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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