



**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
- Integrated loop for hanging strap attachment
- Each unit 100% tested
- Works with DevComDroid and DevCom.iOS
- 1 Year warranty



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## 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,<br>HART Physical Layer Spec HCF_SPEC-54 |

### Computer

|                   |              |
|-------------------|--------------|
| Operating Systems | Android, iOS |
|-------------------|--------------|

### 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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