



## HART-IP™ Developer Kit With Sample FlowDevice Application



### Description

The HART-IP Developer Kit provides a complete working demonstration of a HART-IP field device. Field Devices have long been supported by HART-IP but are just now gaining interest in the HART community and industry. This kit implements a working HART-IP based flow device. The kit consists of two software modules running on a Raspberry Pi hardware platform, a HART-IP Server and a sample FlowDevice Application. The FlowDevice EDD Source Code and documentation are included with this kit.



### Features

- Pre-Configured micro SD card containing the HART-IP Server and Flow Device Application running on UbuntuMATE (64-bit).
- The HART-IP Server acts as the communication stack, managing client subscriptions.
- The FlowDevice Application is an example implementation that interacts via the AD/DA board.
- Full source code is available on FieldComm Group's GitHub.

### System Requirements

- PC with Microsoft® Windows 7 or higher

### Optional Components

- FDI-IDE version 1.4.1 or later
- HART-IP Communication Server 1.1.0

### General Hardware Requirements

- Ethernet Cables
- Ethernet Hub

### Kit Components

| Qty | Item   | Rev. No. |
|-----|--|----------|
| 1   | HART-IP Developer Kit hardware <ul style="list-style-type: none"> <li>• Raspberry Pi 3B+ Computer with Power Adapter, SD Card</li> <li>• PoE Card</li> <li>• Waveshare High-Precision AD/DA</li> </ul> | 1.0.0    |
| 1   | EDD Source Code and FDI Device Package   |          |
| 1   | HART-IP Developer Kit User Guide   |          |
| 1   | HART-IP Client   | 1.0.26   |
| 4   | Technical Support Hours  |          |