



## HART-IP Developer Kit 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 the HART-IP but are just now gaining interest in the HART community and industry. This kit provides a complete 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 projects are available on GitHub for all components of this kit.

### System Requirements

- PC with Microsoft® Windows 7 or higher

### General Hardware Requirements

- Ethernet Cables
- Ethernet Hub

### Kit Components

Qty	Item	Rev. No.
1	HART-IP Developer Kit <ul style="list-style-type: none"> <li>• SD Card (Pre-configured)</li> <li>• Raspberry Pi 3B+ Computer</li> <li>• Waveshare Raspberry Pi High-Precision AD/DA</li> <li>• PoE Card</li> </ul>	1.0.0
1	EDD Source Code	
1	FlowDevice Developer Guide	
1	Assembly and Operating Instruction Set	
1	HART-IP Client	1.0.26
4	Technical Support Hours	