



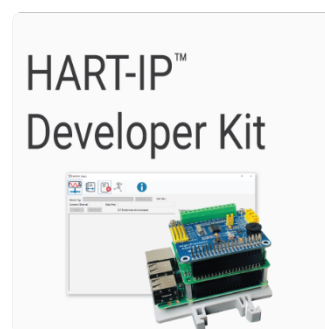
## HART-IP™ Developer Kit

### With Sample FlowDevice Application



#### Description

The HART-IP Developer Kit provides a complete working demonstration of a HART-IP v2.0 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 Ubuntu Server 20.04 (64-bit).
- The HART-IP Server acts as the communication stack, managing client subscriptions, security and logging.
- The FlowDevice Application is an example implementation that interacts via the AD/DA board.
- Portable HART-IP Client web application, including source code.
- Full source code is available on FieldComm Group's GitHub.

#### System Requirements

- PC with Microsoft® Windows 10 x64 or higher

#### Optional Components

- FDI-IDE version 1.5.1 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 includes: <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>	1.2.0
1	FlowDevice EDD Source Code and FDI Device Package	
1	HART-IP Developer Kit User Guide	
1	Portable HART-IP Client	2.0.0
4	Technical Support Hours	