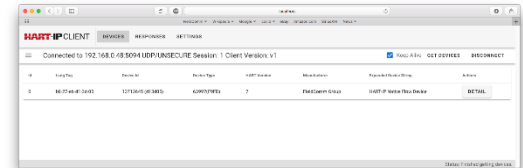# Portable HART-IP™ Client
UDP/TCP Client Application

HART-IP

Description

The HART-IP Portable Client is a cross-platform C# .NET 6.0 web service which uses UDP/TCP to connect to devices over HART-IP. The user interface is an HTML5 browser client which operates on all major browser versions. Connect to I/O, Gateways, Multiplexors or HART-IP enabled field devices, send HART commands and see the responses within the user interface.

Features

- Communicates with the device using HART-IP versions 1 and 2.
- Included Security Manager offers simplified handling of security credentials.
- Uses the DeviceInfo file that is specific to a device to present command responses and construct HART request messages.
- Interacts with the HART-IP 2 logging features.
- User can operate the HART-IP security test cases which are not yet automated in the HART Test System.
- Display HART messages to a user with human-friendly labels and unit strings. The strings may be sources directly from a HART encoded Device Description by using the new HART DeviceInfo (JSON, XML) technology.
- Provides an example of UDP/TCP communication with a HART-IP v2.0 device.
- Uses secure connection features of HART-IP 2.0 and is backward compatible with HART-IP 1.0.
- Record sessions using syslogging.
- Addresses sub-devices within the network through an I/O device using HART-IP Protocol.

System Requirements

- Microsoft Windows® 10 x64 or later

General Hardware Requirements

- Ethernet Port

Kit Components

Qty	Item	Rev. No.
1	Portable HART-IP Client	1.0.0

PRODUCT DATA SHEET