

FOUNDATION™ fieldbus H1 Communication DTM

FDT Support for the Softing FFusb Interface Card

The FOUNDATION fieldbus (FF) H1 Communication Device Type Manager (DTM) allows Field Device Tool (FDT) conformant frame applications to access an FF H1 network via Softing's FFusb interface card. It provides a flexible and mobile solution for easy parameterization and diagnostics of individual FF H1 field devices.

COMPREHENSIVE RANGE OF USE WITH STANDARD FDT FRAME APPLICATIONS

The FF H1 Communication DTM provides seamless integration of standard FDT frame applications like SMART VISION, FieldMate, Field Device Manager, FieldCare, or PACTware with Softing's USB to FF H1 interface card FFusb. It allows transparent access to field devices supporting the FDT standard, which are connected to the referring FF H1 network. Comprehensive FDT / DTM functionality is supported, including easy parameterization and diagnostics.

FAST COMMISSIONING OF FF H1 NETWORKS

The FF H1 Communication DTM is designed to assist in the commissioning of FF installations using a universal FDT based software tool. It provides a modern user interface including tooltips and online help. If the Device DTMs of the individual FF H1 field devices connected to the FFusb interface card are available at the PC together with the FDT frame application, these field devices are automatically identified and entered into the live list together with all included device and manufacturer information. Furthermore, the FF H1 Communication DTM provides a logging mechanism for error and trace messages, connection monitoring, and supports the FDT upload and download functionality.

EASY LICENSING WITH FFUSB INTERFACE CARD

The FF H1 Communication DTM is included in the scope of delivery of the Softing FFusb interface card. Thus the FFusb license also includes the FF H1 Communication DTM license and no additional license needs to be obtained to make use of the individual FF H1 Communication DTM advantages. Alternatively, the FF H1 Communication DTM can be downloaded from the Softing website free of charge.

CUSTOMER BENEFITS

- > Comprehensive Range of Use
- > Fast Commissioning
- > Easy Licensing



TECHNICAL DATA

Supported Services	Connect Disconnect Read Write
Additional Functions	RES2
Level Support	SmlIdentify Level 0 Support FmsInitiate Level 0 Support FmsAbort Level 0 Support FmsRead Level 0 Support FmsWrite Level 0 Support
Conformity	Communication DTM for FDT 1.2 Conformant Frame Application
Certificate	FDT Group Certification
FDT Frame Application	dtmINSPECTOR
Test Systems Used	PACTware FieldCare FieldMate
System Requirements	PC / Notebook USB 2.0 Interface Supported Operating Systems Windows XP, Windows 7 (as of August 2011) Hardware Softing FFusb Interface Software FDT Frame Application

SCOPE OF DELIVERY

FOUNDATION fieldbus H1 Communication DTM	The FOUNDATION fieldbus H1 Communication DTM is part of the scope of delivery of the Softing FFusb Interface. It can also be downloaded free of charge from the Softing website industrial.softing.com .
--	--

ORDER NUMBER

DUA-KK-020300	FFusb Interface
---------------	-----------------

ADDITIONAL PRODUCTS AND SERVICES

TRA-FF-GL	Introductory Training "FOUNDATION fieldbus" This training is not offered as a standard training course, but tailored to individual customer requirements. It is usually held as part of a workshop and in connection with an integration project.
-----------	--

Softing Industrial Automation is a world leading provider of industrial communication products and technologies for manufacturing and process automation. Our products are tailored to the requirements of system integrators, device vendors, machine and equipment manufacturers or end users and are known for their ease of use and functional advantages.

Softing Industrial Automation GmbH
Richard-Reitzner-Allee 6
85540 Haar / Germany

Tel.: +49 89 4 56 56-340
Fax: +49 89 4 56 56-488
info.automation@softing.com
industrial.softing.com