ABB

Driver TTX300-W, TSP3x1-W WirelessHART

Temperature Transmitter WirelessHART

Contents

*) DTM500 Bundle Supplement Info is available on the data medium \documentation or latest on www.abb.com/fieldbus.
Enter here in the search field following No. "3KXD801500R3901".

1 Device - Revision Record - What is new?

1.1 Device Type ID: 1A9B

1.1.1 Hardware

Released Revision	Released Date	Remarks
01.00	May 2014	First release

1.1.2 Software

Released Revision	Released Date	Remarks
01.01.xx	May.2014	First release

1.1.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01.00	2013	
02.00	May 2014	First Release

1.1.4 Supported devices

TTF300-W   Field device
TSP3x1-W   Thermometer

1.2 Cyber Security info

1.2.1 ABB recommendation

It is recommended to use at least an anti-malware solution wherever the product is deployed.

1.2.2 Disclaimer

This product is designed to be connected to and to communicate information and data via a network interface. It is user's sole responsibility to provide and continuously ensure a secure connection between the product and user's network or any other network (as the case may be). User shall establish and maintain any appropriate measures (such as but not limited to

the installation of firewalls, application of authentication measures, encryption of data, installation of anti-virus programs, etc) to protect the product, the network, its system and the interface against any kind of security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information. ABB Ltd and its affiliates are not liable for damages and/or losses related to such security breaches, any unauthorized access, interference, intrusion, leakage and/or theft of data or information.

1.3   Licensing

The "General terms of license for computer soft-ware utilization" are valid, which can be found by searching on abb.com

2   DTM (Device Type Manager)

2.1   Supported Devices

Wireless Temperature transmitter
TTF300-W   Field device
TSP3x1-W   Thermometer
- TTF300-W-HART, TSP311-W-HART, TSP321-W-HART, TSP331-W-HART, TSP341-W-HART
  with HW-Version 01.00, SW-Version 01.01.xx or higher
- TTF300-W
  Transmitter in field housing (electronics without sensor)
- TSP311-W
  Thermometer without thermowell (electronics + sensor)
- TSP321-W
  Thermometer with welded thermowell (electronics + sensor)
- TSP331-W
  Thermometer with drilled thermowell (electronics + sensor)
- TSP341-W
  Thermometer for surface mounting (electronics + sensor)

2.2   DTM (driver) Version record - What is new?

2.2.1   Device Type ID: 1A9F

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
05.00.00	July 2014	≥ 05.05.00 ≥ 05.00.21	- First release Part of the DTM500 Bundle
05.00.01	May 2015	≥ 05.05.00 ≥ 05.00.21	• Bugfix • Switching Burst Message 3 off Communication handling
05.00.02	July 2017	≥ 05.05.00 / ≥ 05.00.22	New DTM library for "Observer role" in DCS

The device DTM supports the standard FDT 1.2 / 1.2.1.

2.3 Supported Languages

The device DTM supports English

2.4 Requirements

2.4.1 PC-Hardware, Operating system

See DTM500 Bundle Supplement Info*)

2.4.2 Frame application / compatibility

See DTM500 Bundle Supplement Info*)

2.5 (Un)Installation and configuration

2.5.1 Installation

See DTM500 Bundle Supplement Info*)

2.5.2 Uninstall instructions

See DTM500 Bundle Supplement Info*)

2.6 Update- / Upgrade instructions

See DTM500 Bundle Supplement Info*)

2.7 Known problems and limitations

Additionally, to the common hints in the DTM500 Bundle Supplement Info*) attached the device driver specific hints.

Please enter the Join key in case of changing Network ID in Window Network settings.

2.8 Getting help / further information

Press 'F1' for DTM online help.

Help concerning the integration of the DTM in the FDT frame application can be found in the respective documentation of the frame application.

2.8.1 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:
→ latest information
[field device protocol dependent]

→ latest info (download)
[*device type dependent*]

- Driver description
- Software
[*driver type dependent*]

2.9   Licensing the DTM

See DTM500 Bundle Supplement Info*)

3   EDD (Electronic Device Description)

3.1   Supported devices

- Wireless Temperature Transmitter – TTX300-W series

3.2   Hash Code

Hash code of 3KXT200100S0903_EDD_TTX300-W_WirelessHART.ZIP:
AF06B23DAFABB2CB5408590D0EB20A96C86E75881F3EDE28F87709EFFA3A2940

3.3   EDD Version record - What is new?

3.3.1 Device Type ID: 1A9B

Released Version (Dev Rev)	Released Date	Remarks	Hashcode
02 01	July 2014	First release for device	Hashcode for xxxx.fm8: 175DD372EFC348BE60E30E034D5C4595A1BFF C3F8433919AC36A0DDA55F84C9A

3.4 Supported Languages

The device EDD supports English

3.5 Requirements

Compatible to IEC61804-3, -4, -5 Electronic De-vice Description Language (EDDL)

HART 7.5

The EDD is released for
PDM V 8.1 - ,
Emerson AMS 11.5,
Emerson HHT 475 V 3.8 and
SDC625 V3.0.1.

3.6 Remove / import and configuration

Start your EDD Host application and follow the instructions.

3.7 Known problems and limitations

None

3.8 Getting help / further information

Help concerning the integration of the driver in the EDD Host application can be found in the respective documentation of the frame application.

Use mouse over for field hints and tooltips.

3.9   How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:

→ latest information
[field device protocol dependent]

  → latest info (download)
[*device type dependent*]

    - Driver description
    - Software
[*driver type dependent*]

4 FDI (Field Device Integration)

FDI Package (EDD based)

4.1 FDI Device Package Version record- What is new?

4.1.1 Device Type ID: 1A9B

Released Date	Package Version	EDD Released Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00), Winx	UIP Changed UIP file count	Remarks (EDD. Attachment, UIP)
Jan 2017	01.00.00	02 02	TTX300-W_256x256.png CI_TSP300-W_EN_A.pdf, CI_TTF300-W_EN_A.pdf, OI_TSP300_W_EN_B.pdf, OI_TTF300_W_EN_B.pdf	None	No	First Release
Nov 2022	02.03.00	02 03	TTX300-W.png CI_TSP300-W_EN_A.pdf, CI_TTF300-W_EN_A.pdf, OI_TSP300_W_EN_B.pdf, OI_TTF300-W_EN_B.pdf	None	no	Enhancements

4.2 Supported Languages

The device package supports English

4.3 Requirements

FDI Technology Version 1.2.0

EDD Host application / compatibility

4.4 Remove / import and configuration

Start your EDD Host application and follow the instructions.

4.5 Update / Upgrade instructions

No

4.6 Known problems and limitations

None

4.7 Getting help / further information

Help concerning the integration of the Package in the FDI frame application can be found in the respective documentation of the frame application.

Use mouse over for field hints and tooltips.

4.8 How to get the latest information & software?

Please check on
Temperature Measurement | Instrument | Supplier | ABB
OR
FieldComm Group webpage www.fieldcommgroup.org

4.9 Licensing

The "General terms of license for computer software utilization" are valid, which can be found by searching on abb.com

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