SUPPLEMENTARY INFORMATION | 3KXT161301R3901 REV. C

Driver TTx300-N NINVA
Non-invasive temperature measurement

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: 1A0E

1.1.1 Hardware

Released Revision	Released Date	Remarks
01.07	Dec. 2012	First release with TSP341-N in June 2018

1.1.2 Software

Released Revision	Released Date	Remarks
01.04.02	May 2018	First release

1.1.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01	May 2018	First release with Software version 01.04.xx

1.1.4 Supported devices

Temperature Sensor TSP341-N

1.2 Device Type ID: 1A4E

1.2.1 Hardware

Released Revision	Released Date	Remarks
02.00	September 2022	First release, new electronics platform

1.2.2 Software

Released Revision	Released Date	Remarks
13.00.00	September 2022	First release with new electronics platform

1.2.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
03	September 2022	First release with new electronics platform

1.2.4 Supported devices

Temperature Transmitter Head-mount TTH300-N

Temperature Transmitter Field-mount TTF300-N

Temperature Sensor TSP341-N

1.3 Cyber Security info

1.3.1 ABB recommendation

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

1.3.2 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.

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

2.1.1 Device Type ID: 1A0E

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
05.00.00	July 2018	≥ 05.05.00 / ≥ 05.00.22	First release, HART7 Part of the DTM500 Bundle/Library

The device DTM supports the standard FDT 1.2 / 1.2.1.

2.1.2 Device Type ID: 1A4E

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
07.03.01	Dec 2022	DTM700	First release, TTx300-N NINVA (New electronics platform)

The device DTM supports the standard FDT 1.2.

2.2 Supported Languages

The device DTM supports English, German.

2.3 Requirements

2.3.1 PC-Hardware, Operating system

DTM500
- See DTM500 bundle Supplement Info*)

DTM700
– Minimum requirement
2-GHz-Processor or better with 32 Bit (x86) or 64 Bit (x64)
1 GB RAM or better
500 MB free hard disk space
1024 x 768 screen resolution recommended
Microsoft Windows 7 Service Pack 1, Windows 8.1 & Windows 10 (32 Bit / 64 Bit variants supported)

Microsoft .NET Framework 4.6.1
Microsoft Visual C++ 2015 Redistributables - 14.0.23026
Microsoft Internet Explorer 6.0 or higher
Adobe Reader latest version

2.3.2 Frame application / compatibility

DTM500
See DTM500 bundle Supplement Info*)

DTM700
The ABB DTM should be usable in all frame applications according to the requirements of FDT 1.2
Refer the corresponding frame application documentation and Manuals

2.4 (Un)Installation and configuration

2.4.1 Installation

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
– Ensure that the minimum hardware requirements are met.
– Start Windows (login with administrator rights!).
– Cancel all active applications.
– Unpack the DTM zip file available as download from www.abb.com/Instrumentation
– Start the installation Wizard as follows:
– Right hand MouseClick with “run as Administrator”
<drive>:\..\ 3KXT161300S0202_DTM_TSP341-N_HART.zip\MID-001A_DID-1A4E\Revision_07.03.01\ DTMTTx300NNINVAHART.exe
– Follow the instructions

2.4.2 Uninstall instructions

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
In the operating system: Start -> Settings -> Control Panel -> Add/Remove Programs -> Select the DTM and Uninstall

2.5 Update- / Upgrade instructions

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
– Uninstallation is not required before update / upgrade. It can be handled like a new installation existing projects will be retained. Only in case of upgrade from DTM500 to DTM700, uninstallation of DTM500 to be followed as specified in DTM500 Bundle supplementary In-formation document before proceeding with DTM700 installation.
– Hints regarding new versions may be found under www.abb.com/Fieldbus

2.6 Known problems and limitations

DTM500

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

- None known

DTM700

- Limitation: DTM connection states are not updated – Communication DTM shall provide updated communication states on disturbed, aborted, standby, connected, disconnected

Work-Around: Writing any parameter value from DTM will display Error icon on control “?”. By going offline and online over FDT host connection state is updated.

- DTM is not tested with Symphony Harmony due to FDT issue – working with Harmony team to resolve

2.7 Getting help / further information

DTM500

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.

3 EDD (Electronic Device Description)

3.1 Supported devices

Temperature Sensor TSP341-N

3.2 Hash Code

Hash code of 3KXT161300S0003_EDD_TSP341-N_HART.ZIP:
60DC6C2D03CCE592ECA2A480D970B4BD0B7A94C3E4170E1A9D6C5033B319D7B4

3.3 EDD Version record - What is new?

3.3.1 Device Type ID: 1A0E

Released Version (Dev Rev)	Released Date	Remarks
01 02	July 2018	First release, HART7

3.3.2 Device Type ID: 1A4E

Released Version (Dev Rev)	Released Date	Remarks	Hashcode
03 01	Aug 2022	First release, TTx300-N NINVA (New electronics platform)	Hash Code – SHA 256 – 0301.fm8: 02429268041CA31E6EFE665F299B6215CFE44BC46FB34DCD4EB40B74BA05F3A6

3.4 Supported Languages

The device EDD supports English, German

3.5 Requirements

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

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.

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: 1A0E

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)
June 2018	01.00.00	01 01	OI TSP341-N EN A01.PDF, OI TSP341-N DE A02.PDF, OI TTH300-N DE A02.PDF, OI TTH300-N EN A02.PDF	none	no	First release, HART7

4.1.2 Device Type ID: 1A4E

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)
Aug 2022	03.01.00	03 01	OI TSP341-N EN A01.PDF, OI TSP341-N DE A02.PDF	none	no	First release, TTx300-N NINVA (New electronics platform)

4.2 Supported Languages

The device package supports

English, German

4.3 Requirements

FDI Technology Version 1.x.x

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.

5 How to get the latest information & software?

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

Contacts

ABB Measurement & Analytics
For your local ABB contact,
visit: **abb.com/contacts**
For more product information,
visit: **www.abb.com/temperature**

Supplementary Information | 3KXT161301R3901 Rev. C