



SOFTWARE RELEASE NOTES

Device Type Manager (DTM) v1.2.2.1 for R2000 2D Laser Scanner Device Family

Software Details

Software Name: R2000 Device Type Manager (DTM)

Release Version: v1.2.2.1

Release Date: March 2016

Release Notes for DTM Version 1.2.2.1

Description

This DTM provides a graphical user interface for R2000 2D laser scanner devices. This release is a minor update.

Supported Products

- OMD10M-R2000 UHD devices
- OMD30M-R2000 UHD devices
- OMD30M-R2000 HD device
- OBD10M-R2000 Detection devices
- OBD30M-R2000 Detection devices

System Requirements

- Windows 7 or newer
Support for Windows XP is discontinued - the DTM might still work with Windows XP though.
- PACTware 4.0 or newer
Support for PACTware 3.x is discontinued - the DTM is not detected by PACTware 3.x any more. It is recommended to use PACTware 4.1 SP4. Other FDT frames have not been tested.

Improvements

- OMD devices: Added additional scan resolutions (1680, 2100 and 2800 samples per scan).
Note: The additional resolutions are only available for devices with firmware v1.21 or newer.
- OBD devices: Field outline points are now verified to not exceed the limits of [+100m;-100m] for both X and Y coordinates.
- Improved error handling on connection timeouts.

Known Issues

- Devices OMDxxx-R2000 with older firmware (prior to v1.20) might not store some UTF-8 special characters correctly for fields "user notes" and "user tag".

Release Notes for DTM Version 1.2.1.0

Description

This DTM provides a graphical user interface for R2000 2D laser scanner devices. This release adds support for R2000 HD devices (OMDxxx-R2000-HD).

Supported Products

- OMD10M-R2000 UHD devices
- OMD30M-R2000 UHD devices
- OMD30M-R2000 HD device
- OBD10M-R2000 devices
- OBD30M-R2000 devices

System Requirements

- Windows 7 or newer
Support for Windows XP is discontinued - the DTM might still work with Windows XP though.
- PACTware 4.0 or newer
Support for PACTware 3.x is discontinued - the DTM is not detected by PACTware 3.x any more. It is recommended to use PACTware 4.1 SP4. Other FDT frames have not been tested.

New Features

- Added support for new OMD30M-R2000-HD device family
- Added support for HMI customization features in device firmware v1.20 (static logo, static text)
- Added optional scan data averaging in Live View
(Note: Averaging is performed by the DTM - not by the device)
- Added support for PACTware print functionality (printing a parameter listing)

Improvements

- OBD devices: Added option to synchronize display settings between Outline Editor and Live View
- OBD devices: Live View now shows detection fields per current device configuration instead of current fields as modified in Outline Editor
- OBD devices: Live View I/Q status now additionally visualizes I/Q mode of each channel
- OBD devices: I/Q Setup - Logical Function tree now shows user tags for input signals
- Live View: Improved scaling of echo amplitude visualization (color coding)
- Various minor improvements

Bug Fixes

- IP Communication DTM: Improved automatic device detection on systems with multiple network adapters
- Fixed various minor issues



Known Issues

- Devices OMDxxx-R2000 with Firmware v1.0x might not store some UTF-8 special characters correctly for fields "user notes" and "user tag".

Release Notes for DTM Version 1.1.1.4

Description

This DTM provides a graphical user interface for R2000 2D Laser Scanner devices. This release adds support for R2000 detection devices (OBDxxx-R2000).

Supported Products

- OMD10M-R2000 devices
- OBD10M-R2000 devices

System Requirements

- Windows 7 or newer
Support for Windows XP is discontinued - the DTM might still work with Windows XP though.
- PACTware 4.0 or newer
Support for PACTware 3.x is discontinued - the DTM is not detected by PACTware 3.x any more. It is recommended to run the DTM with PACTware. Other FDT frames have not been tested.

New Features

- Support for new OBDxxx-R2000 device family

Improvements

- Sensor Information: added field "user notes"
- Scan Data View: improved functionality
- Added option for color-coded visualization of echo amplitude of scan points
- Added option for color-coded visualization of high echo scan points (reflectors)
- Added option to connect near-by scan points (suppressing long lines)
- Various minor visual and usability updates
- Scan Data View: added keyboard shortcuts:
 - <space> starts / stops live view
 - <cursor keys> scroll scan data view
 - </> and <*> rotate scan data view
 - <+> and <-> change zoom level
- Service: added button to reboot device
- Service: added Locator Indication functionality
- Various minor improvements

Bug Fixes

- Scan Data View: scan points are now drawn at their exact position (fixing rounding errors at very high zoom levels)



Known Issues

- Devices OMDxxx-R2000 with Firmware v1.00 might not store some UTF-8 special characters correctly for fields "user notes" and "user tag".



Release Notes for DTM Version 1.0.0.0

Description

This DTM provides a graphical user interface for R2000 2D Laser Scanner devices. This is the initial release.

Supported Products

- OMD10M-R2000 devices

System Requirements

- Windows XP or newer
- PACTware 3.x or newer

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Process interfaces

- Intrinsically safe barriers
- Signal conditioners
- Fieldbus infrastructure
- Remote I/O systems
- HART interface solutions
- Wireless solutions
- Level measurement
- Purge and pressurization systems
- Industrial monitors and HMI solutions
- Explosion protection equipment
- Solutions with process interfaces

Industrial sensors

- Proximity sensors
- Photoelectric sensors
- Industrial vision
- Ultrasonic sensors
- Rotary encoders
- Positioning systems
- Inclination and acceleration sensors
- AS-Interface
- Identification systems
- Logic control units