RELEASEnotes  PanelX

Panel X Software Release Notes

Thank you for choosing HBM's PanelX software

Your feedback is important for HBM. If you encounter any problems or suggestions to improve the PanelX software, please let us know.
You can contact our team of support engineers directly at http://www.hbm.com/support

Please always use the latest software version, available on HBM.com's download section:
https://www.hbm.com/en/1257/digital-load-cells-and-weighing-electronics/

The PanelX Software is applicable for:

- WTX series (WTX120, WTX110-A, WTX110-D)
- PAD Digital Transducer Electronics
- FIT load cells (FIT/4, FIT/5, FIT5A, FIT7A)
- Digital load cells (PW15iA, PW15Ahi, PW20i, C16i, C16i3, C16i4)
- AD/AED electronics (AD103C, AD104C, AD105C, AD105D, AD112D)

PanelX Software Version Overview

Comments on Software Version -	
New Features, Changes and Fixes	
Version: 2.1.4	**Release: 01/2023**
New Features	Additional Chinese Language and Web-help
	Update Program-Help DE + EN
	Load WTX settings automatically
	Added settings for TF-synchronization under IO (for PAD/FIT but FW 1.21 required)
	Updated HBK contact details in the installer
Fixes	Storage of COF setting
	AutoScroll in ServiceMode
	Disabled auto zero time
	WTX settings with dependencies
	Exceptio changing IP address
To be done	Correct AD105 filter-simmulation

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Version: 2.1.2	Release: 05/2022
New Features	Support Dyn.Zero-set. (for PAD and FIT7 with FW V1.20) Zero-setting over full-range Hand-taring, new status-flag Filling optimization (limitation implemented) 4-point linearization for WT legacy electronics Implement WTX parameter-tree for full WTX adjustements IP and SubNet settings for WTX and WTX120 Black-box Software crash fixed when switch among several sensors
Fixes	Several smaller GUI- BugFixes
To be done	Update Programm-Help with new features
Version: 2.1.1	**Release: 03/2021**
New Features	Support C16I4 (digital load-cell Gen.4)
	New button 'Load module settings..." in scanner
Fixes	'Load module settings' with multiple devices
	Triple range display for WTX
	Display measurement correctly when CSM=1
	Several problems with 'Load module settings'
	Writing filling parameter sets
	Minor bug fixes
Version: 2.1.0	**Release: 06/2019**
New Features	Update firmware of WTX devices (Menu bar -> Load -> Firmware update)
	Adjustment page redesigned
	PAD/AED show adjustment points in mV/V
	Modbus/TCP CiA309 gateway to HBM CANopen devices FIT/PAD/EAD
Changes	Minimum .NET framework 4.5 required
Fixes	Fixed calculation of adjustment with more than one load cell
	Display WTX110/WTX120 correctly
	Fixed Error when writing filling parameters to WTX devices

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	Buffered scope measurements no longer depend on the current baud rate
	Fixed restoring filter settings with load module settings
Version: 2.0.5	**Release: 05/2018**
New Features	Post filter simulation for AD105D series
	Adjust all WTX digital filter settings and update rate
Changes	Data log enhancement: It is now possible to enter a duration for the data log
	WTX scan enhancement with multiple network cards
Fixes	Starting filler from scope fixed
Version: 2.0.4	**Release: 02/2018**
Changes	General system and communication stability improvements for the WTX series
	WTX network scan improvements and new WTX password request for Ethernet connection.
	New languages implemented Polish and French
	Digital IO functions now on home screen
	Zeroing button in 3rd generation devices (e.g. AD103C)
Version: 2.0.1	**Release: 07/2017**
New Features	Support of WTX series (https:// communication)
	Load module settings to multiple devices
	Fast scan option for RS485/RS232
Changes	Enhanced stability loading scope files

Version: 1.2.6	**Release: 05/2016**
Fixes	Baud rate and address change for Device Net now working
Version: 1.2.5	**Release: 05/2016**
New Features	Profibus support
Changes	Warning on write buttons when changing parameters

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	Scope: Implementation of device buffered measurements
	Scale: Display zero value CDL of device
	Load module settings: Save settings to non-volatile memory automatically (TDD1)
Version: 1.2.4	**Release: 03/2016**
New Features	New optional password protection for user level
	Improved Data log (multi device logging)
	Maintenance mode now can read all settings and calibrate
Changes	CANopen: Enhanced usability for baud rate change and automatic address allocation
	Loading scope data without activation of offline mode
	Improved Scope performance (update rate, saving)
	Support of all AD103C boards
Fixes	Minor bug fixes
Version: 1.2.3	**Release: 12/2015**
New Features	CANopen: Change baud rate and automatic address allocation
	Enhanced usability of scope and data log
	Automatic RS485 two wire detection
	Data log: Multi channel support
	Scope: Display of measurement time for post trigger mode
	Automatic RS485 two wire detection
	Scope: Enhanced overflow display; 1 ms resolution of cursor info
	Data log with decimals
	Display of list with last trigger results
	Display and setting of tare value
	Calculate calibration for digital or analog load cells
	Post trigger delay in ms

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	Graphical display of input/output states and filling states
	Open files by Drag & Drop
	Baud rate low warning for scope measurement
	Enhanced usability of scope and data log
	RS232/RS485: Change address of known serial number
	DeviceNet: Change baud rate
	Zero setting of filling function
	Installer always overrides existing dll files
	Translation of scope signals
	Calculate calibration without nominal value (NOV0)
Changes	Write access also for diagnostic channel
	Connection to AD105D-CAN
	One click selection of scope signal
Fixes	CANopen scope signals fixed
	Trigger active signal fixed
	Post filter FMD5 in scope fixed
	Minor bug fixes
Version: 1.2.2	**Release: 08/2015**
New Features	Support of new AD105D (except post filter analysis)
Changes	Improved software stability (to prevent dead lock when connection is lost)
	Frequency analysis works now with decimals
	Restore original filter settings after analysis measurement
	Tolerance setting for level-post-trigger
	Renamed signal 'IN1' to 'True zero' in scope
	Data log with trigger result MAV

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	Improved software stability (to prevent dead lock when connection is lost)
Fixes	Minor Bug Fixes
Version: 1.2.1	**Release: 07/2015**
New Features	Connection to 3rd Generation devices via CANopen/DeviceNet now possible
Fixes	Minor Bug Fix
Version: 1.2.0	**Release: 06/2015**
New Features	Scope: Measurements with 1200Hz now available
Changes	Improved runtime performance
Fixes	Minor Bug Fixes
Version: 1.1.1	**Release: 04/2015**
New Features	New scope function settling time for post filter analysis
Changes	Improved runtime performance
	Improved device protocol handling and visualization
Version: 1.0.0	**Release: 01/2015**
New Features	First version released

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