

# RELEASEnotes



# WTX®

## WTX Weighing Terminal Release Notes

Thank you for choosing HBM's WTX series Weighing Terminals

Your feedback is important for HBM. If you encounter any problems or suggestions to improve the WTX industrial amplifier, please let us know.

You can contact our team of support engineers directly at <http://www.hbm.com/support>

Please always use the latest firmware version, available on HBM.com's download section:

<https://www.hbm.com/en/1257/digital-load-cells-and-weighing-electronics/>

## WTX Series Firmware Version Overview

✓: available

⊘: not available

n/a: not relevant

Comments on Firmware Version -		Relevant for WTX -	
New Features, Changes and Fixes		110-A / 110-D	120
<b>Version: 2.1.0</b>	<b>Release: 05/2022</b>		
<b>New Features</b>	<ul style="list-style-type: none"> <li>Keypad locking for user</li> <li>Show Limit-switches in display</li> <li>Saving of all application-parameter (incl. Limit-Switches) in flash</li> <li>Show underload-error in display</li> <li>Additional simple PC-interface for WTX110/120 in application STANDARD</li> <li>Licensing for PC ScaleView</li> </ul>	✓	✓
	<ul style="list-style-type: none"> <li>WTX110-D show each single load cell weight and sum</li> <li>Chinese display-language (only WTX110)</li> </ul>	✓	
	<ul style="list-style-type: none"> <li>Configuration of Network setting for WTX120 Black-box</li> </ul>		✓
<b>Fixes</b>	<ul style="list-style-type: none"> <li>PLC data-connection even w/o sensor connection</li> <li>Feedback about weight-status STO (2040/05)</li> <li>Taring via digital-input corrected</li> <li>Filler-Monitor empty weight</li> <li>Setting filling-weight error corrected</li> <li>Change of resolution corrected</li> <li>Reset all printing-parameter with factory-reset corrected</li> <li>Keep serial number even after restart the device</li> <li>Invalid file descriptor fixed</li> </ul>	✓	✓
<b>To be done</b>	<ul style="list-style-type: none"> <li>Update WTX manuals with the new features</li> </ul>	⊘	⊘

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Version: 2.0.1	Release: 02/2021		
<b>New Features</b>	Support TLS 1.2	✓	✓
<b>Fixes</b>	Fix digital load cells addressing bug	✓ WTX110-D (only)	n/a
Version: 2.0.0	Release: 07/2020		
<b>New Features</b>	Application TRUCK EASY is now available for WTX110-D (only)	✓	⊘
	Unit Newton (N) in the input data words	✓	✓
<b>Changed</b>	<ul style="list-style-type: none"> <li>- Revision or simplification of HBM addressing</li> <li>- Setting the HBM filters in master mode</li> <li>- Newton support (activation via branding)</li> <li>- Filter size configuration reduced from 40 to 20</li> <li>- Update rate can no longer be configured in adaptmode</li> <li>- Calibration set default value changed to 1,000,000</li> <li>- Change in master mode with adapt / filter from 4: FIR to 4: FIT64</li> </ul>	✓	✓
<b>Fixes</b>	Bug fixes in the cjet object 2110/06 (Zero Value) and 2110/07 (Load Value) Revision and correction of the corner alignment	✓	✓
Version: 1.3.0	Release: 04/2019		
<b>New Features</b>	Zeroing via digital input in applications STANDARD/FILLER	✓	✓
	Weight recording via digital input in application STANDARD	✓	✓
	Device status on digital output in applications STANDARD/FILLER (High=Device ok, Low=Device error)	✓	✓
	Interface command for weight recording	✓	✓
<b>Fixes</b>	Taring and weight recording via digital input in applications COUNT/CHECK	✓	n/a
Version: 1.2.3	Release: 08/2018		
<b>Fixes</b>	Fix error message "Cert. failed" when updating SSL certificate (F)	✓	✓
Version: 1.2.2	Release: 05/2018		
<b>New Features</b>	Always reset PLC command state (DW5.15) to 0 with new command	⊘	✓
	Start filler via PLC	⊘	✓
<b>Changes</b>	Factory setting of some filler commands changed (e.g. Dis. emptying and acknowledge of record weight by default)	✓	✓
	PLC commands "Start/Stop filler" work with command handshake now	⊘	✓
	Fix ip address 192.168.100.88 and subnet mask 255.255.255.0 with pre-installed certificate	✓	✓

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	Analog out: Ensure live zero (4mA/2V) if scale is in underload	✓	✓
Fixes	Certificate generation immediately after changing ip address	✓	✓
	Application Filler: redosing fixed	✓	✓
	Bugfix calibration via PanelX when calibration weight doesn't equal 100%	✓	✓

Comments on Firmware Version -		Relevant for WTX -		
New Features and Improvements		110-A	120	
Version: 1.2.1	Release: 02/2018			
Fixes	Fix setting of IP address	✓	✓	
	Prevent blocked tare and zeroing button	✓	✓	
Version: 1.2.0	Release: 11/2017			
New Features	Initial release for WTX110-A	✓	n/a	
	Display MAC / IP address in supervisor mode	✓	✓	
	Legal-For-Trade Filler: Filling result can be added to alibi memory optionally	✓	✓	
	Print last filling result	✓	✓	
	Change filter settings via PanelX	✓	✓	
Fixes	Prevent setting of negative filling target weights	✓	✓	
	Support only 4 digital I/O in configuration menu	✓	✓	
Version: 1.1.0	Release: 05/2017			
New Features	Calibrate WTX via PLC interface	n/a	✓	
	Support multicast scan for finding devices	n/a	✓	
	Authentication for PanelX interface	n/a	✓	
	Setting for maximum zeroing and taring time	n/a	✓	
Changes	Limit switches are no longer turned off when weight is in under-/overload	n/a	✓	
Version: 1.0.1	Release: 04/2017			

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<b>Changes</b>	Synchronize no motion bit with weight on PLC/PanelX interface	n/a	✓	
	Renamed ProfiNet device type and station type from "PROFINET IO-Device" to "WTX120"	n/a	✓	
<b>Fixes</b>	Fix calibration with partial load via PanelX interface	n/a	✓	
	Improved communication on PanelX interface	n/a	✓	

Comments on Firmware Version -		Relevant for WTX -	
New Features and Improvements		110-A	120
<b>Version: 1.0.0</b>	<b>Release: 02/2017</b>		
<b>Fixes</b>	Fix setting of IP address	n/a	✓
	Prevent blocked tare and zeroing button	n/a	✓

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