

TV220E & TV220EX

Software Update Announcement 1.2.7

Date: 2024-08-31

From: Mark Govier, Product Manager

Please be aware that a software update is available for all models of TV220E and TV220EX. It is highly recommended to update the units that you have with this version. The version details of what we have updated are shown in the screenshot alongside.



New Features and Bug Fixes

Summary for August 2024 Release

Application Improvements

Enabled German language. This has involved replacing the keyboard functions with a version that can have additional characters, plus completely reviewing the “strings” used throughout the user interface.

Much improved “online” help in English and now also translated to German. This also involved creating a custom font including several of the UI “icons” to help make it easier to describe functions of the user interface “buttons” in the text.

Clearer highlighting of the active trace between the “detail” and “overview” traces.

Updated UI control for pulse widths. Clarification that the narrowest pulse is closer to 2ns wide than 1ns. The pulse has always been this width no change has been made other than to the specification documents. This remains comparable to the actual width of the pulse of the original TV220 model.

Operating System & Battery Management Improvements

Added German language “operating system” strings (for boot, update, errors etc.)

Production Support Improvements

None in this release



The latest version of the user's guide will be found on the product website. See below for link.

Tempo Report Writer Enhanced (TRWE)

Windows

Please also be aware that "Tempo Report Writer Enhanced" is available in the Microsoft Store for Windows. If you have this installed already, just ensure that you obtain all your available updates. If you don't yet have the report writer installed, then please visit:

<https://www.microsoft.com/store/productId/9PP83S84PV1C>

Mobile Devices

Tempo Report Writer Enhanced Applications are now available for the Android and iOS platforms. Please use these links to download the version relevant to your device:

Search for "TRWE", "Tempo Report Writer Enhanced" or "Tempo Communications"

On Google Play:

<https://play.google.com/store/apps/details?id=com.TempoCommunicationsInc.TempoReportWriterEnhanced>

On Apple App Store: <https://apps.apple.com/app/trwe/id1664328450>

Note that you may have to obtain permission from your IT team to allow installation of this software on your device. Additionally, TRWE may not be available for older devices. Your app store will warn you of incompatibility. Sorry, but this is due to requirements for modern security settings needed for you to safely connect wirelessly.

With any of these applications you can create reports from one or more TDR traces, then share the report file or create a PDF version of it directly from within the application. You can use any of the "share" options available on your device, such as email, WhatsApp, Discord etc.

These applications will continue to receive updates and will improve over time, please use the feedback options to suggest features and improvements that you would find useful. The most recent updates to these has included refinements to the German translation following implementation on the TV220E/EX itself.

Latest User's Guide

Tempo have prepared a User's Guide for CableScout TV220E and EX. The latest PDF version of which can be downloaded from the link alongside the above firmware download or on the product page in

<https://www.tempocom.com/software-downloads/> or <https://www.tempocom.com/products/cablesout-tv220e-tdr/> In the manual we describe all the functionality of the testers and present the background theory of operation to help beginners understand exactly what can and cannot be readily tested by a TDR.

Note that this may take a little while to be updated to reflect exactly all the functions of this release of the software as there are considerable changes to include. But the majority of functions remain well described and even the Bluetooth connection process is straightforward. Tap on the Bluetooth icon in the Android or iOS app and follow the on-screen instructions watching for pop-up dialogues on both TV220E/EX and the device. Revision 6 of the user's guide is written to represent this release of software and should be available at the same time in English. A German language version will follow as soon as possible.



Coming Soon

We will now work on adding further languages to the user interface and continue refining TV220E/EX further.

Known Issue

One issue that came to light during this development phase is the possibility for the application to crash, forcing an automatic complete restart of the TV220E/EX on some occasions when three or more points of contact are made with the touchscreen. No data is lost, and this is unlikely to occur in normal use. It will be a priority for investigation and correction in the next release.

Best regards,

Mark Govier
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