

# IConnect® and MeasureXtractor™ Signal Integrity, TDR, and S-parameter Analysis Software Installation



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### **Contacting Tektronix**

Tektronix, Inc.

14150 SW Karl Braun Drive

P.O. Box 500

Beaverton, OR 97077

USA

For product information, sales, service, and technical support:

- In North America, call 1-800-833-9200.
- Worldwide, visit [www.tektronix.com](http://www.tektronix.com) to find contacts in your area.

## Installing IConnect<sup>®</sup>, MeasureXtractor<sup>™</sup> Version 6.1.0.X and Above

This CD includes all IConnect and MeasureXtractor software installation packages. All software packages include the Sentinel hardware key drivers and the S-parameter Wizard tool. There are four software packages to choose from:

- IConnect Evaluation

The evaluation package is a free and fully functional IConnect and MeasureXtractor<sup>™</sup> software package with a limited number of uses and time window of operation from its installation.

- IConnect S-parameters and Z-line (80SSPAR)

The 80SSPAR is the minimum IConnect software package and includes all application features except MeasureXtractor, modeling, and Eye Diagram Viewer.

- IConnect w/o MeasureXtractor (80SICON)

The 80SICON is the standard IConnect software package and includes all application features except MeasureXtractor.

- IConnect and MeasureXtractor (80SICMX)

The 80SICMX is the full IConnect software package and includes MeasureXtractor, modeling, S-parameters, Eye Diagram Viewer, standards compliance testing and more.

## Minimum System Requirements

- Supported Tektronix sampling oscilloscope: DSA8300 (recommended), DSA/CSA/TDS8200, CSA/TDS8000B, or CSA/TDS8000.
- Microsoft Windows 7 Ultimate (32- and 64-bit) or XP on supported oscilloscopes or PC.
- TekVISA software: Required to run the S-parameter Wizard tool, or to communicate with an oscilloscope over a local area network (LAN). (See page 6.)
- National Instruments GPIB board or a USB to GPIB adaptor: Not required when running IConnect on supported Tektronix sampling oscilloscopes, or when using TekVISA to connect a PC to a supported sampling oscilloscope over a LAN).
- External 1024 x 768 resolution monitor: Required when running IConnect on all Tektronix 8000 series sampling oscilloscopes except the DSA8300.

## Installing the IConnect Software

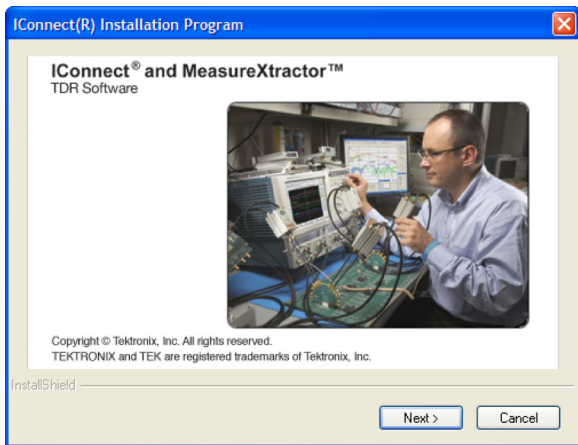
**NOTE.** You can install a newer version of an IConnect program over an existing version of the same IConnect program. However, if there are multiple IConnect programs installed (such as IConnect and MeasureXtractor, IConnect Evaluation, and IConnect without MeasureXtractor), use the Microsoft Windows **Control Panel > Add/Remove Programs** tool to uninstall all IConnect programs other than the one you are installing.

**NOTE.** Do not use the Add/Remove Programs tool to uninstall the S-parameter Wizard program; S-parameter Wizard is automatically uninstalled when you uninstall the parent IConnect software program.

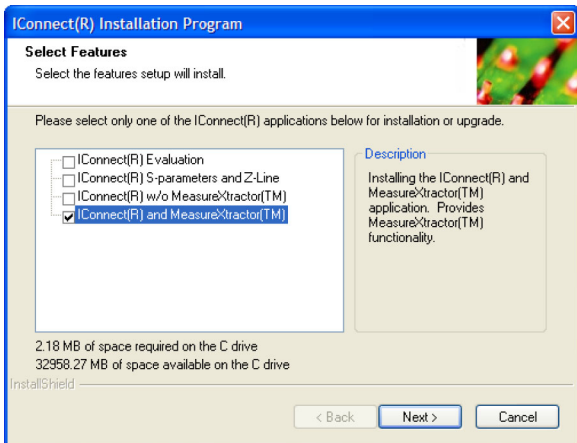
1. Insert the IConnect software CD in the CD-ROM drive of a PC or a supported Tektronix oscilloscope. The IConnect setup program should start automatically. If you are upgrading to a newer version of IConnect, you do not need to uninstall the existing version before installing the new version. The install process does not delete any existing IConnect settings or results.

If the setup program does not start, access the CD-ROM drive and double-click **setup.exe**.

2. Click **Next** on the installation startup screen.



3. Select the software item appropriate for your purchased IConnect product and click **Next**. You can only install one software item. The hardware key provided with your software only functions with the purchased software product.



4. Read the License Agreement. Accept the terms and click **Next** to continue. Follow on-screen prompts to install the IConnect software, S-parameter Wizard tool, and Sentinel hardware key drivers.
5. If prompted, restart the oscilloscope or PC to complete the installation.

## Install TekVISA for Remote Access

If you plan to run IConnect on a PC and acquire waveforms from an oscilloscope connected to a LAN, or run the S-parameter Wizard function (on the oscilloscope or remotely from a PC), you must install TekVISA software on your PC.

**NOTE.** *TekVISA is already installed on Tektronix DSA8300 oscilloscopes. Legacy Tektronix sampling oscilloscopes will need to have the current version of TekVISA installed to correctly operate with this version of IConnect.*

Check which version of TekVISA is installed on your oscilloscope and PC (open the TekVISA tool and click **Help > About**). If the version is earlier than 3.3.4.6, go to the Tektronix Web site ([www.tektronix.com/software](http://www.tektronix.com/software)), search for **tekvisa**, and download the most recent version.

Follow the installation instructions provided with the TekVISA download file.