

How to use the new smart OTDR



Overview

The document is a user manual for the SmartOTDR 100 Mainframe handheld OTDR. It provides instructions on safety, starting up the device, configuring settings, using the integrated power meter and visual fault locator, scope feature, connectivity options, and remote control. Due to the range of possible wavelengths, power values and injection characteristics of a laser beam, the risks inherent in its usage vary. The laser classes form groups representing different safety thresholds. Due to the reduced dimensions of the optical modules, it. OTDR measurements: This includes distance measurement, attenuation measurement, reflectance / ORL measurement, and automatic and manual measurements for elements like slope, attenuation, reflectance, and splice. Power meter measurements: The SmartOTDR can be used with an optional power meter to. Handheld Fiber Tester User Manual User Manual 7SMART102 Rev008 v Notice Every effort was made to ensure that the information in this document was accurate at the time of printing. However, information is subject to change without notice, and VIAVI reserves the right to provide an addendum to this. This video shows how to operate a T-BERD 2000 or SmartOTDR in Smart Test Assistant mode using the new V21 User Interface. The manual. The course for new owners who wish to familiarise themselves quickly with the basic instrument operation.



Article Content

Dec 26, 2025

VIAVI SMARTOTDR 100 USER MANUAL Pdf Download

What are the initial setup steps for a new Viavi SmartOTDR 100? Remove the SmartOTDR and its accessories from the packing case. Check that the correct

Sep 28, 2025

Best.nr: 20100003 Smart OTDR

Foreword Thank you for purchasing our OTDR (Optical Time Domain Reflectometer). This user's manual contains useful information about the instrument's functions and operating procedures of the

Nov 28, 2025

Using Smart OTDR on the Viavi MTS2K and MTS4k

In this short video, I will demonstrate how to use the Smart OTDR function which comes as standard on the Viavi MTS 2000 and MTS 4000.

Dec 05, 2025

Smart otdr JDSU | PDF

The document is a user manual for the SmartOTDR 100 Mainframe handheld OTDR. It provides instructions on safety, starting up the device, configuring settings,

Jan 15, 2026

SmartOTDR Mainframe US User Manual

SmartOTDR's protective cover primary purpose is to protect the optical connector ferrule end face from scratch and pitting defects. It does not protect the ferrule end face from dust contamination. We

Jul 17, 2025

SmartOTDR Getting Started Manual

To perform acquisitions in Expert OTDR, see chapter "Launching a reflectometry test and displaying results" in Module User Manual. CReating a directory to store otdr

Dec 13, 2025

SmartOTDR Getting Started Manual

Before connecting a fiber to the test instrument, inspect and clean the instrument bulkhead and the fiber jumper connectors. Use a fiber microscope (such as P5000i or FiberChek) to verify the connector

Feb 24, 2026

Viavi SmartOTDR Getting Started Manual | Manualzz

Viavi SmartOTDR is a powerful handheld instrument that enables field technicians to perform OTDR tests on fiber optic cables quickly and easily. With its intuitive interface and comprehensive features,

Mar 30, 2026

VIAVI SMARTOTDR GETTING STARTED MANUAL Pdf

Viavi is not responsible for direct or indirect damage including damage to persons or property if the power supply is not use correctly. Page 2 To get information on

Apr 15, 2026

Advanced OTDR Measurement

This 2-day course is designed for managers and engineers who are required to accept, interpret or understand OTDR traces, test engineers who routinely use OTDRs for system characterisation or

Dec 28, 2025

VIAVI OTDR SERIES USER MANUAL Pdf Download

View and Download Viavi OTDR Series user manual online. Optical Time Domain Reflectometer For T-BERD®/MTS-2000, -4000 V2, -5800, SmartOTDR,

Dec 15, 2025

OTDR Smart Test Assistant

This video shows how to operate a T-BERD 2000 or SmartOTDR in Smart Test Assistant mode using the new V21 User Interface.

Jul 17, 2025

SmartOTDR Software

For full details of all enhancements across the platforms please see the software release notes on [updatemyunit](#) .

Oct 10, 2025

OTDR Testing

As part of the course, there will be an explanation of system design parameters and advanced testing requirements, for both multimode and singlemode fibre optic

Mar 27, 2026

How-To Videos: SmartOTDR

The following videos take a closer look at the SmartOTDR, highlighting key features, controls and workflow methods that help users utilize the capabilities of this OTDR Platform.

Feb 01, 2026

VIAVI OTDR Test Applications: ExpertOTDR Setup Menu How To

By reducing complexity and adopting modern smart device techniques we have simplified OTDR setup and operation to get techs up and running in no time, while reducing test and reporting times.

May 03, 2026

Stable Smart Precise TEKCN NEW OTDR Handheld OTDR TC-350

Key attributes Type OTDR Connector Type SC/FC Power Source AC 220 V Use Optical Fiber Testing Network None Model Number TC-350 Brand Name TEKCN Place of Origin Guangdong, China

Dec 23, 2025

OTDR New IHM rev010

Precautions relating to the OTDR Module use If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be compromised.

Jul 08, 2025

Are you being “smart” about OTDR Testing?

At VIAVI, our OTDR test experts designed a solution called Smart Acquisition (SmartAcq). SmartAcq helps to make sure you are always giving

Oct 11, 2025

How to use OTDR SmartTest mode with SmartOTDR

How to use OTDR SmartTest mode with SmartOTDR ? Learn how to use SmartTest OTDR mode with SmartOTDR. SmartTest mode is a simplified mode to achieve OTDR test with rookie users.

Mar 04, 2026

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Dec 20, 2025

VIAVI SMARTOTDR MAINFRAME USER MANUAL Pdf

If another adapter or battery is used, it may damage the SmartOTDR itself. Using the SmartOTDR with a battery other than the one supplied by the manufac- turer of

Nov 18, 2025

OTDR Operation Training | Anritsu Europe

The course for new owners who wish to familiarise themselves quickly with the basic instrument operation. The course will allow users to get up and running by putting their instrument to work in a

Aug 11, 2025

SmartOTDR User Manual

When the unit is being used for the very first time or when the battery has been replaced, the unit is not able to detect the charge level of the new battery. In that case, an icon with a magnifying glass is

May 30, 2026

VIAVI Solutions

VIAVI Solutions - SmartOTDR Discover a new experience in fiber testing with the new OTDR 2.0. Learn more about the new user interface for the SmartOTDR and

Contact Us

For more information, pricing, or custom solutions, please contact us:

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