



# The SmartOTDR™ Solution

Affordable, easy-to-use handheld testing for techs at any level

The lightweight and compact SmartOTDR solution performs all essential fiber tests for metro and access networks with:

OTDR measurements

- Fiber inspection with automated end-face analysis
- Optical loss testing (optical light source and optical power meter)
- Visual fault location

With a tailored interface for different skill levels, it speeds and optimizes field testing for any technician.



## Key Benefits

- Combines all essential fiber tests in one handheld with visual fault locator (VFL), optical power meter (OPM), and p5000i microscope options
- Simplifies OTDR analysis with Smart Link Mapper (SLM) option
- Upgrades easily in the field
- Automates testing with objective, pass/fail results
- Enhances productivity anywhere with powerful network connectivity

## Key Features

- Single-/dual-/tri-wavelength versions with 1310, 1550, and in-service 1625 nm wavelengths
- Light, compact, hands-free design includes 5" high-visibility outdoor touchscreen
- Integrated CW light source
- PON optimized to test through a 1x128 splitter
- Automated fiber inspection and macrobend detection with pass/fail analysis software
- 3G/4G connectivity via USB, Bluetooth/WiFi
- 3-year warranty
- All-day battery life

## Powerful Connectivity

Several wireless communication technologies (Bluetooth, WiFi, and 3G/4G via USB) enable remote control as well as data and work-order transfers to-and-from tablets, smartphones, and computers. In addition:

- SmartAccess Anywhere opens a tunnel in the cloud to remotely access and operate the instrument
- Compatibility with a wide range of cloud servers (WebDAV service providers) enables instantly sharing measurement reports
- Cloud-based StrataSync™ provides asset, configuration, and test-data management, ensuring that all instruments have the latest software and options installed

## Easy to Use and Understand

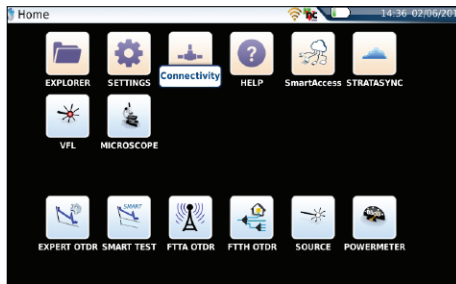
Smart Link Mapper (SLM) apps provide powerful, built-in expertise:

Icon-based map views of OTDR links and events

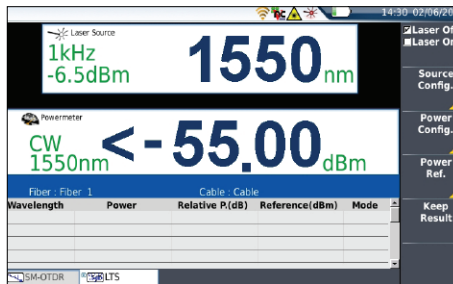
- A summary table of results with pass/fail analysis
- Fast issue detection and identification and clear diagnostics
- SmartConfigs provides generic or user-defined setup configurations to eliminate setup errors and maintain results consistency. And, SmartTest one-touch operation ensures fast and easy measurements.

## Ordering Information

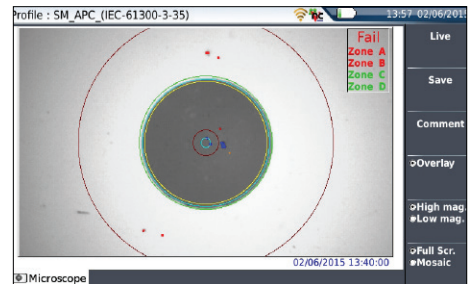
Part Number	Description
SmartOTDR126A-P0	SmartOTDR kit (1310/1550 nm) with SLM Smart Link Mapper OTDR software
SmartOTDR126A-P1	SmartOTDR kit (1310/1550 nm) with power meter, visual fault locator, WiFi, and SLM Smart Link Mapper OTDR software
SmartOTDR136FB-P1	SmartOTDR kit (1310/1550 nm and filtered 1625 nm) with power meter, visual fault locator, WiFi, and FTTH-SLM Smart Link Mapper application



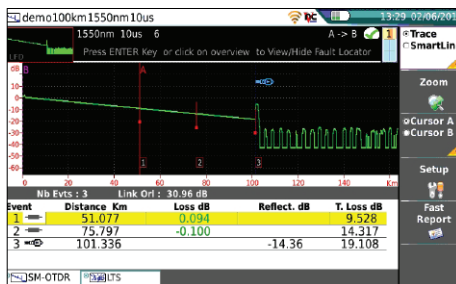
Combines all essential fiber tests in one handheld



Built-in power meter and laser source



Microscope with pass/fail analysis

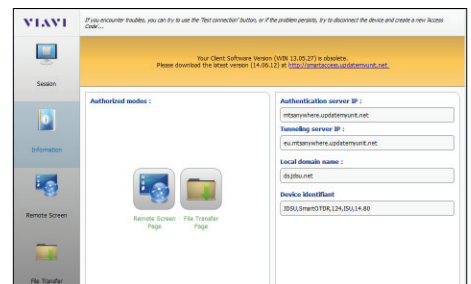


OTDR trace view

Link Loss	Link Ori	Fiber Length
nm	dB	m
1310 (300ns)	20.898	41.43
1550 (300ns)	19.956	43.04

Distance m	Fault Detected
10.21	Bad or dirty connector

OTDR view with Smart Link Mapper



SmartAccess Anywhere



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