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Fiberizer Cloud
www.fiberizer.com

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Test and Measurement in Fiber Optics

OPX-BOX Series

Cost-Efficient Fiber Testing with No Compromises

Ultra compact high-end **OTDR** with Bluetooth wireless and USB control
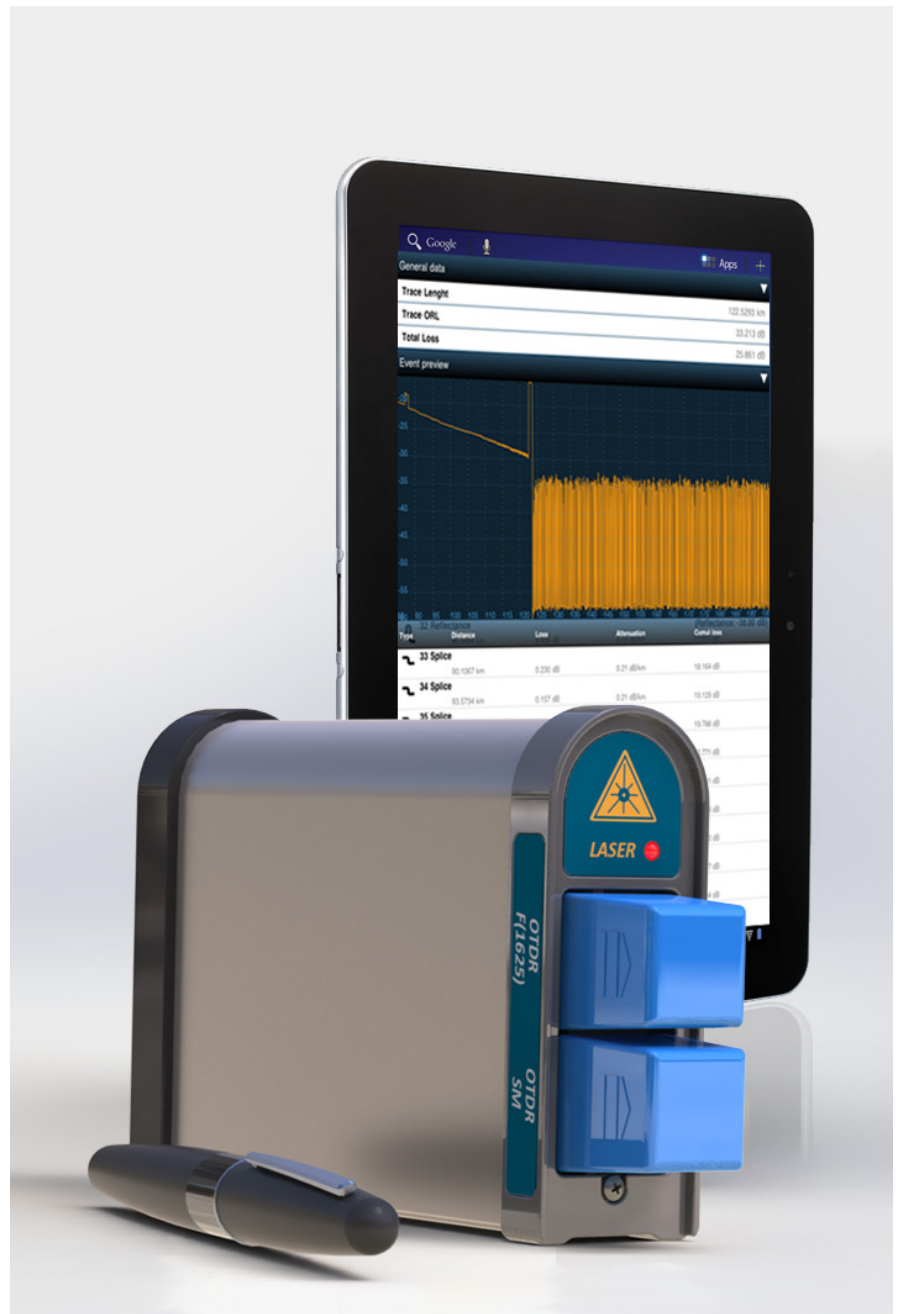
Up to 3 wavelengths for OTDR including Live port

Up to 42dB Dynamic Range and 1/4m Dead Zones

Optional LS/CW mode and VFL, no remote control needed to enable LS or VFL.

Software to control this device availalble for all popular platforms (Windows/iOS/Android/ Linux)

Optimized for Fiberizer Cloud—powerful online tool for OTDR traces batch analysis and reporting

Check out our mobile OTDR Trace Viewer and

Fiberizer Mobile Client
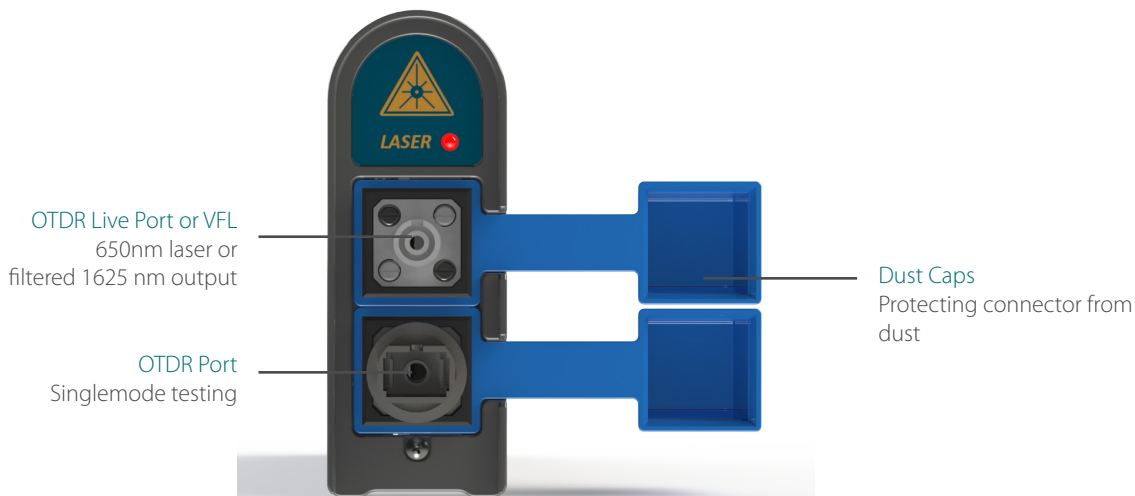
for iPhone OS and Android OS.

UNIT DESCRIPTION

Base Unit

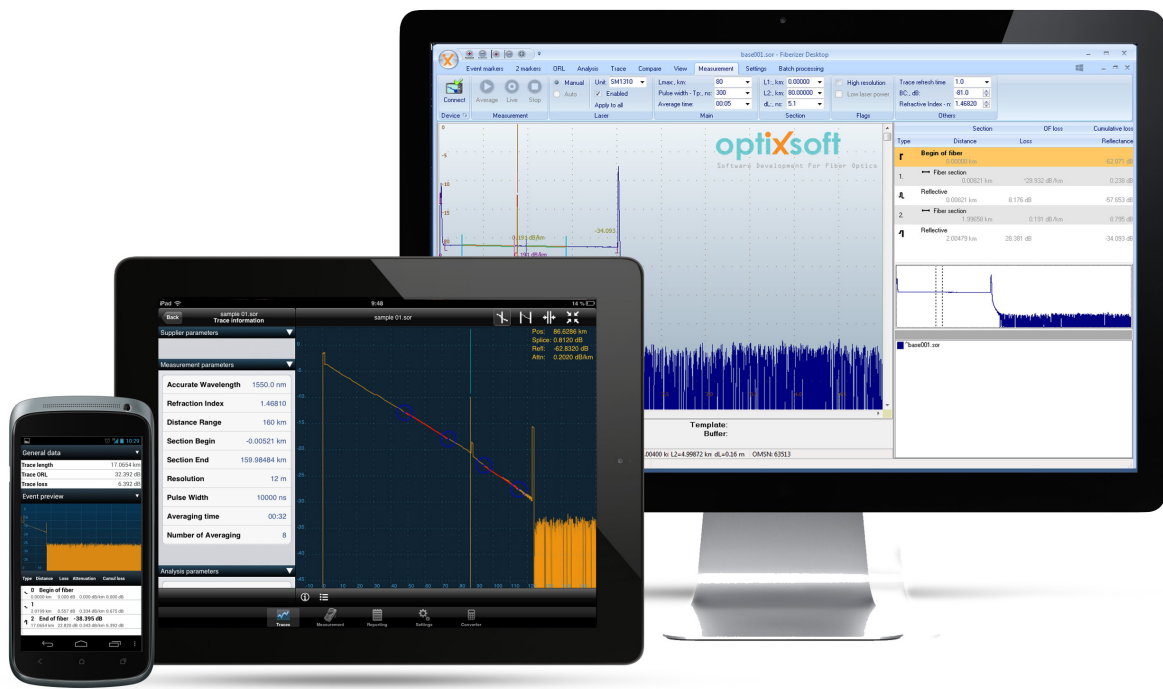|	
Connection with PC	USB, Bluetooth
Power supply	Li-Ion Battery (8 hours)
Dimensions	125 x 31 x 85 mm
Weight	0.4 kg

Smart "BOX"

- For simple operation like turning on VFL or LS just double-press the power button (no remote control need)
- Changeable optical adaptors (SC/FC/ST/LC)
- Aluminium case and gap-free design protect your device in hazardous environment

Power On/Off

Power status LED
Bluetooth status LED
Battery status LED

Micro-USB B
To control from PC and
to charge the battery

OTDR Live Port or VFL
650nm laser or
filtered 1625 nm output

OTDR Port
Singlemode testing

Dust Caps
Protecting connector from
dust

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The OPX-BOX OTDR
SOFTWARE PRODUCTS

Fiberizer software family

OPX-BOX OTDR is specially designed to be used with the Fiberizer software. It can be controlled via USB or Bluetooth from all supported platforms (Windows, MacOS, Linux, iOS, Android).

Fiberizer Cloud Connectivity

Most of the Tablet PC users can connect to the device wirelessly via 3G or WiFi, to upload measurement data to the server right from the field and/or receive instructions from supervisors.

Mobile Trace Analysis software with desktop capabilities

We have transformed many years of our experience into advanced software optimized for quick and fail-safe operations, to be used by any level of technicians. Now you can combine mobility and simplicity of your hand-held device with the power of professional testing equipment.

Agizer Online Software for all testing instruments
FIBERIZER CLOUD

Fiberizer Cloud is a complete web solution for business process management in fiber optic testing

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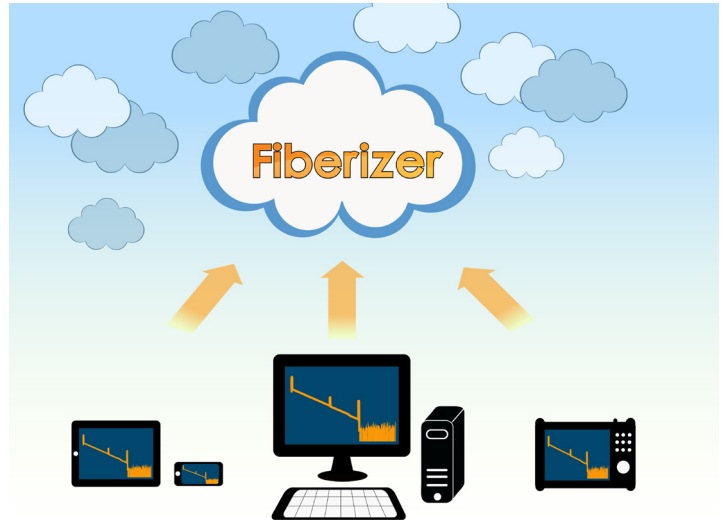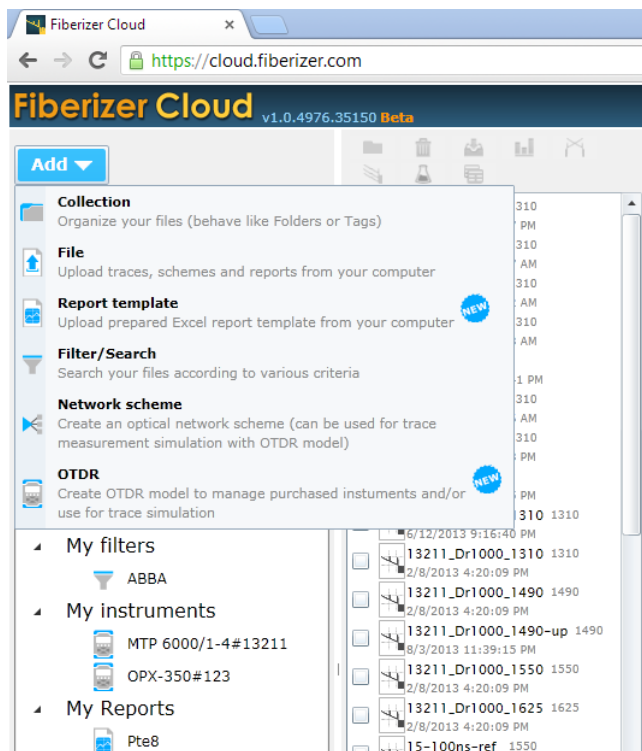## **Fiberizer** Cloud
www.fiberizer.com

Get access from everywhere

Sign in to your account at home, office or away, on PC, Mac and other devices: iPhone, iPad, Android, and access your online repository of measurement data.

Add support of Fiberizer Cloud to your own OTDR software or tools by using our open API.

Analyze OTDR traces

Fiberizer supports traces from different vendors in Telcordia GR-196 and SR-4731 formats. Bidirectional analysis and template mode comparison are available.

Batch reporting with powerfull customization

Create a PDF ready-to-print report, or an Excel report for further automation. Your report can include your logo, company data and formulas thanks to editable Excel templates.

OTDR Modeling and Simulation

Design your virtual fiber optic line and generate corresponding OTDR traces. Play with OTDR parameters (like Dynamic Range) to see how the trace is changing.

Always up-to-date software

We are continuously implementing new amazing features to Fiberizer Cloud and you will always have the latest version.

Available in two flavors depending on how serious your business needs are:

- public web edition **www.fiberizer.com** with monthly subscription plans
- corporate server installation with user-based licensing

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SPECIFICATION

please check "How To Order" page for available models

OTDR Parameters		Singlemode	Multimode
BASE	Wavelength	1310/1550	850/1300
	Dynamic Range	27/25	22/22
	Event/Attenuation Dead Zone	2/10	2/10
OPTIMA	Wavelength	1310/1490/1550//1625	850/1300
	Dynamic Range	36/34/34//38	25/27
	Event/Attenuation Dead Zone	1/4	1/4 (*850nm - 2/10)
PRO	Wavelength	1310/1490/1550//1625	850/1300
	Dynamic Range	39/35/36//39	28/30
	Event/Attenuation Dead Zone	1/4	1/4
PROM	Wavelength	1310/1490/1550//1625	N/A
	Dynamic Range	43/38/43//41	
	Event/Attenuation Dead Zone	2/5	
	Attenuation resolution, dB	0.001	
	Distance measurement accuracy, m	$\pm(0.5 + \text{resolution} + 5 \times 10\text{-}5 \times L)$	
	Attenuation measurement accuracy, dB/dB	0.05	
	Sampling resolution, m	0.16 … 7.6	
	Sampling points	up to 128 000	
	Optical connectors (changeable)	FC, ST, SC	
	Pulsewidth, ns	6, 25, 100, 300, 1000, 3000, 10000, 20000	
	Distance range, km	5, 10, 20, 40, 80 120, 160, 240	

LIGHT SOURCE

	Wavelength, nm	1310 / 1550 / 1625 ±20	850 / 1300
	Output power, dBm	> -4	N /A
	Power level instability, dB	not more than ± 0.05 (15 min)	N /A
	Optical connector	shared with OTDR (same port)	N /A

HOW TO ORDER

Please email us the following string to order the OTDR (see the list of our official dealers at the end)

OPX-BOX - XXXX - XX - XX - XX - XX - XX - XX

Device Type

Model

Example: OPX-BOX - OPTIMA-16 LIVE - U3N -U3N - LS

BASE-15 - Wavelength 1310/1550

BASE-85 - Wavelength MM 850/1300

OPTIMA-15 - Wavelength 1310/1550

OPTIMA-16 **LIVE** - Wavelength 1310/1550//**1625**

OPTIMA-14 - Wavelength 1310/1490/1550

PRO-15 - Wavelength 1310/1550

PRO-16 **LIVE** - Wavelength 1310/1550//**1625**

PRO-14 - Wavelength 1310/1490/1550

CW Mode *(Optional)*

LS - Single Mode

* The option is not installed by default

VFL *(Optional)*

VFL - if applicable.

* The option is not installed by default

OTDR connectors *(Optional)*

U3N - (UPC Changeable ST/SC/FC) no Key

U3K - (UPC Changeable ST/SC/FC) with Key

A3K - (APC Changeable ST/SC/FC) with Key

U4K - (UPC Changeable ST/SC/FC/LC) with Key

A4K - (APC Changeable ST/SC/FC/LC) with Key

UFC , USC, AFC, ASC

* U3N is installed by default

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RELATED PRODUCTS

Device Type	BASE	OPTIMA	PRO	PROM	LS	PM	VFL
OPX-350	■	■	□	□	■	■	■
OPX-BOX	■	■	□	□	■	□	■
OPX-RTU	□	□	■	■	□	□	□
OPX-970	■	■	■	■	■	□	■
IIT-6000	□	□	■	■	■	■	■
IIT-9000	■	■	■	■	□	□	■

OPX-350

OPX-BOX

OPX-RTU

IIT-6000

IIT-9000

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    + 375 17 327 13 48
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