Gamma Lite SMART BOX

OTDR with remote control

Purpose of the device

OTDR Gamma Lite SMART BOX is designed for remote measuring optical traces.The device is equipped with a wide range of communication interfaces: WiFi, Ethernet, USB; and has a built-in rechargeable battery for convenient use completely without wires.

Assumed connection device through any available interface to any PC, notebook, tablet PC, smartphone.

❑Remote control is carried out via TCP/IP through software:
- ▪ **OTDR View** for PC based on: Windows, Linux, MacOS
- ▪ **Gamma OTDR** for mobile devices based on Android
- ▪ **Gamma OTDR** for mobile devices based on iOS

❑ Flexible setup and configuration of device interfaces carried out through the WEB-interface

Remote control summary

❑Remote control through
- ▪WiFi
- ▪Ethernet
- ▪USB

❑Management platform
- ▪PC
- ▪Notebook
- ▪Tablet PC
- ▪Smartphone

❑Management platform Operation System
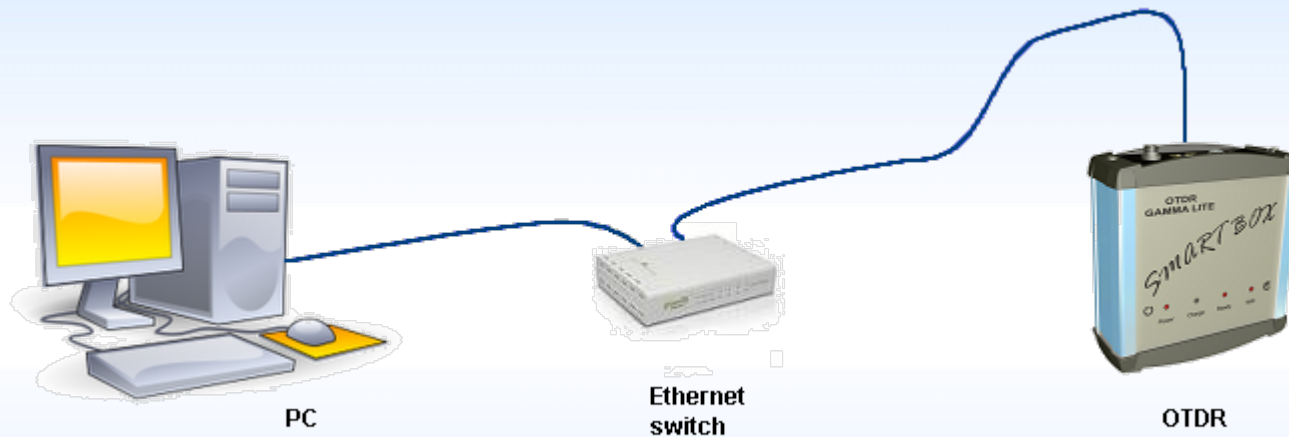- ▪Windows
- ▪Linux
- ▪MacOS
- ▪Android
- ▪iOS

Fiber type / Connector type	OM / FC
Wavelength, nm	1310±20 and (or) 1550±20
Dynamic range, dB	33 / 31
Attenuation Dead Zone, m	7
Event Dead Zone, m	3
Pulse width, ns	6 - 20 000
Measured distances, km	0.2; 0.5; 1.2; 2.5; 5; 10; 25; 50; 100; 200
Loss resolution, dB	0.001
Count of sampling points	Up to 80000
Step of sampling points, m	0.08 – 40.0
Battery pack	Li-Ion: 7.2V * 2.2Ah
Dimensions / Mass	120 x 125 x 45 mm / 0.6 kg

Connection to PC or notebook

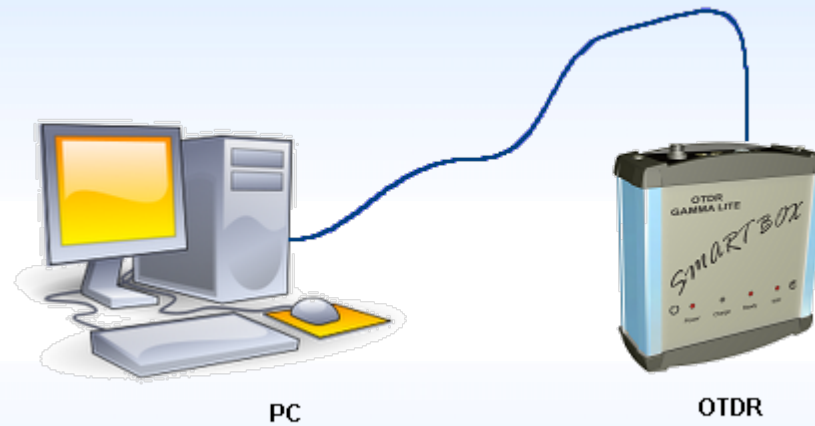PC or notebook connected to Ethernet LAN

You may connect OTDR to your LAN
through patch-cord

Connection to PC or notebook
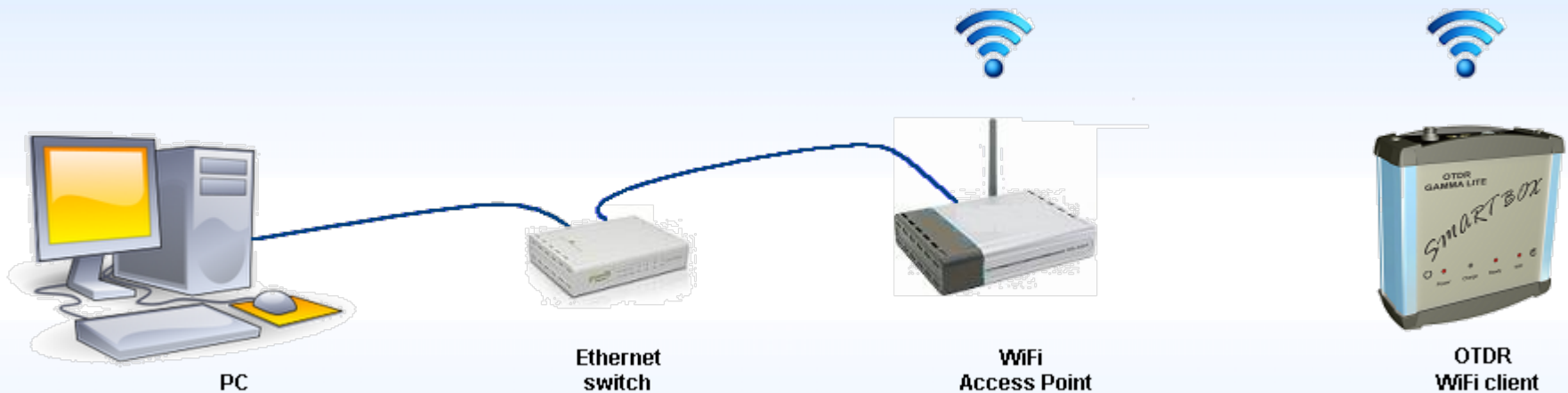
PC or notebook not connected to network

You may connect OTDR to your computer
through USB-cable

Connection to PC or notebook

PC or notebook connected to Ethernet LAN and there are WiFi Access Point

You may connect OTDR to your LAN via Access Point
through WiFi

OTDR will be work as *WiFi client*

Connection to PC or notebook

PC or notebook has wireless connection

You may connect your PC or notebook to *WiFi network which created by OTDR*

OTDR will be work as *WiFi Access Point*

Connection to Tablet PC or smartphone

Tablet PC or smartphone is connected to existing WiFi network

| Tablet PC WiFi client | or | Smartphone WiFi client | WiFi Access Point | OTDR WiFi client |

You may connect OTDR to existing WiFi network

OTDR will be work as *WiFi client*

Connection to Tablet PC or smartphone

You may connect your Tablet PC or smartphone to
WiFi network which created by OTDR

Tablet PC
WiFi client

or

Smartphone
WiFi client

OTDR
WiFi Access Point

OTDR will be work as ***WiFi Access Point***

Market niche

❑ Testing of fiber-optic lines in inconvenient places

❑Remote monitoring of fiber-optic lines

Inconvenient places

Inconvenient places

Remote monitoring

Monitoring places

Ethernet
or
WiFi

TCP/IP protocol

INTERNET