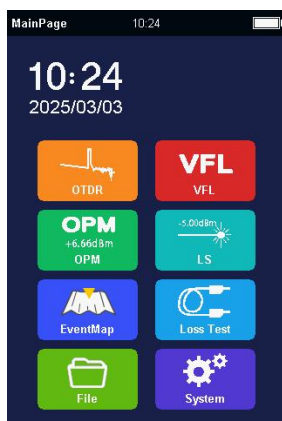


FT-C1 Nano OTDR



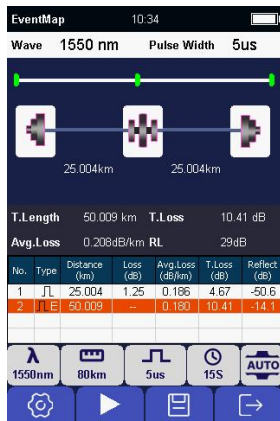
Main Manual



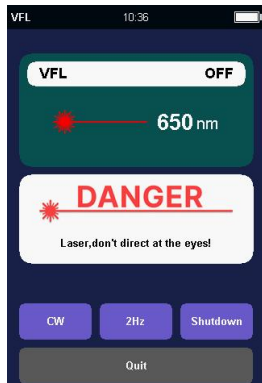
OPM



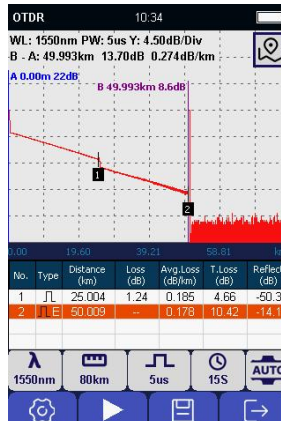
Event Map



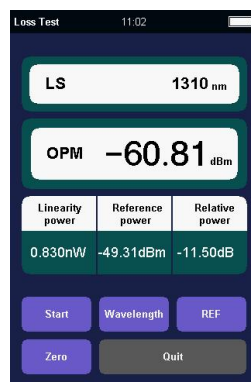
VFL



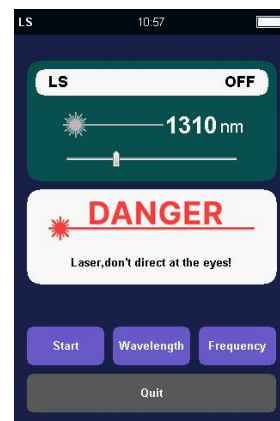
OTDR



Loss Testing



Laser Source



System Setting



Muulti-Functions, 9 in 1

OTDR (Dual Wavelengths)	
OTDR	Lossing Testing
Event Map	VFL
Laser Source	Torch
OPM	Torch
VFL	SD Memory Card (Optional)

Specification

General						
Screen	3.5” FTF LCD Touch Screen					
Battery	2000mAh/3.7V ()					
Dimensions (mm)	130x78x35mm					
Weight(g)	215 gram					
OTDR						
Wavelength (nm)	1310/1550nm±20nm	1310±20nm	1550±20nm	1610±5nm	1625±5nm	1650±5nm
Dynamic Range	22/20dB	22dB	22dB	22dB	22dB	22dB
Type of Connectors	FC/PC; SC/PC;FC/APC(Optional); SC/APC (Optional)					
Event Dead Zone	2.5 m					
Attenuation Event Dead Zone	8 m					
Measuring range	100m/500m/1km/2km/5km/10km/20km/40km/60km/80km					
Pluse width	5ns/10ns/20ns/50ns/100ns/275ns/500ns/1us/2us/5us/10us					
Accuracy Distance(Reflection)	±(1m+Sampling interval+0.005% X measuring range)					
Linearity	±0.2dB/dB					
Sample points	Maximum sampling points: 20000					
Sampling resolution	25cm~8m					
Loss resolution	0.001dB					
Range resolution	0.001m					
Refractive index	1.0000~2.0000					
Reflection accuracy	±3dB					

File format	Standard sor file format
Safety level	OTDR/LS:Class 2; VFL:Class 3B
Storage of records	600 groups (Can be increased by adding one SD Card)
Visual Fault locator	
Wavelength (nm)	(Red) 650nm (Default) (Green)515nm (Optional)
Output power	$\geq 10\text{mW}$
Mode	CW, 1Hz, 2Hz
Optical Power Meter	
Measurement range dBm	Default:-70~+10dBm, Optional:-50~+26 dBm
Wavelength range (nm)	800~1700
Calibrated wavelength	850/1270/1300/1310/1490/1550 /1577/1610/1625/1650nm
Detector	InGaAs
Frequency	270Hz/330Hz/1kHz/2k Hz
Uncertainty	$\pm 5\%$
Resolution	Linearity: 0.1%, Non-linearity: 0.01dBm
connector	Universal
Optical Light Source	
Emitter	FP - LD / DFB
wavelength (nm)	OTDR wavelength
Connector	SC
Output power	-5dB m $\pm$ 3dB (Adjust)
Output stability(dBm)	$\pm 5\%$
Modulation	CW/270Hz/1KHz/2KHz
Support PDF output report	
Supports Type C charging and data transmission	