view 300

HANDHELD PORTABLE OTDR

1310/1550nm | 28/26dB

OTDR

Event Map

Visual Fault Locator

Optical Power Meter

iNNO® INSTRUMENT

V1.00

View300

The INNO Instrument View300 is a powerful companion for every fiber technician working on the front lines of network deployment. Designed with real-world challenges in mind, the View300 delivers a seamless testing experience, combining essential tools in one compact, handheld device. With its 4.3-inch touchscreen and intuitive interface, it brings clarity and confidence to every task, from fault detection to performance verification, all without slowing the pace of progress in the field.

Central to the View300 is its Event Map, which is an OTDR application that simplifies fiber testing by automating analysis and presenting results in a clear, visual format. This reduces complexity and minimizes the risk of error, enabling accurate diagnostics regardless of the technician's experience level. With built-in tools such as a visual fault locator, optical power meter, and light source, the View300 supports a wide range of testing requirements, from troubleshooting to verification.

Purpose-built for today's fast-paced FTTx environments, the View300 combines functionality, precision, and ease of use in a single, field-ready instrument. Whether used by seasoned professionals or new technicians, it empowers users to deliver reliable results with confidence - helping accelerate deployments and maintain the highest standards of fiber network performance.

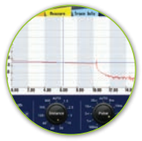
view 300

HANDHELD
PORTABLE OTDR

- Standard OTDR
- Event Map
- Visual Fault Locator
- Optical Power Meter

Event Map

4.3'' Touch Screen
Smart GUI
High Brightness
Resolution of 480x800

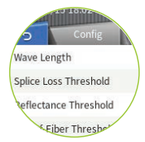


Measure Fiber
Optical Link

Identify Fiber
Fault Location

Measure Optical
Power & Loss

Detect Fiber
Signal Loss



Device
Configuration

Touch Screen: **4.3"**

DIMENSIONS

Height: 180mm
Width: 95mm
Depth: 40mm

TECHNICAL SPECIFICATIONS - General

Items	Specifications
Model	VIEW300
Display	4.3inch, 480×272, IPS TFT-LCD, Multi touch capacitive touch screen
Fiber Type	Single Mode, G.652
Wavelength	1310nm / 1550nm ±20nm
Max Dynamic Range	28 / 26dB (1310 / 1550nm)
Dead Zone (Event/Attn.)	2 / 8m
Test Range	100m ~ 96km
Pulse Width	3ns / 5ns / 10ns / 20ns / 30ns / 50ns / 80ns / 160ns / 320ns / 500ns / 800ns / 1us / 2us / 3us / 5us / 8us / 10us
Distance Uncertainty	±(1m+interval+0.005%*distance)
Ranging Accuracy	3ns ~ 20us
Linearity	±(1m + Sampling Resolution + 0.005% * Test Distance)
Sampling Points	64000 points
Sampling Resolution	0.03m ~ 4m
Loss	Resolution: 0.01dB | Threshold: 0.02 dB
Distance Resolution	0.1m
Refractive Index	1.000000 ~ 2.00000
Reflecting Specularity	±3dB
Format	SOR, PDF
Loss Analysis Mode	TPA (2-point method)
Laser Safety Rating	Class 2 level
Optical Connector	Default: UPC / APC, Optional: SC / FC
Power Supply	AC/DC adapt: Input:100V ~ 240V, 50/60Hz, 0.3A | Input: 5V, 2A, lithium battery: 3.7V, 2500mAh
Battery Life	Standby >6h, Continuous test >4h
Save Data	Internal: 8GB EMMC, External: Supports TF card and USB flash drive
Charging	USB Type-C, Connector: USB 2.0, TF
Wireless Network	WIFI, 4G LTE Cat.1, GPS
Weight	≤472g (Battery included)
Dimension	180 x 95 x 40mm

TECHNICAL SPECIFICATIONS - VFL & OPM

Items	Specifications
Light Source	Export Wavelength: Consistent with OTDR export wavelengths
	Laser Type: FP-LD
	Export Power: ≥-5dBm
	Stability: CW, ±0.5db / 15min (after 15 min of preheating)
	Optical Connector: SC / APC (Interchangeable FC, LC)
	Output Mode: CW / 270Hz / 330Hz / 1kHz / 2kHz
OPM	Wavelength Range: 800 ~ 1700nm
	Calibration Wavelength: 850 ~1650nm
	Measurement Range: -70 ~ +6dBm (Default), -50 ~ +26dBm (Optional)
	Identification Frequency: CW / 270Hz /330Hz / 1kHz / 2kHz
	Resolution: 0.01dB
	Uncertainty: ±5%
	Optical Connector: Universal FC / SC / ST
VFL	Wavelength: 650nm ±20nm
	Output Power: 1mW
	Operation Mode: CW / 1Hz / 2Hze
	Optical Connector: Universal FC / SC / ST

ENVIRONMENTAL CONDITION & TEST

Items	Specifications
Operating Conditions	Humidity: 0 - 95%, non-condensing Temperature: -10 to 50°C
Storage Conditions	Humidity: 0 - 95%, non-condensing Temperature: -20 to 60°C

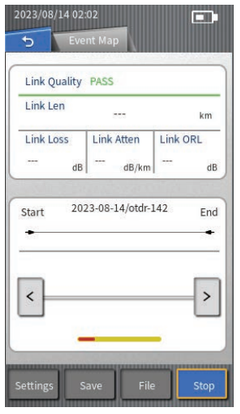
ⓘ INNO Instrument does not accept responsibility for damages arising from misuse of the product.

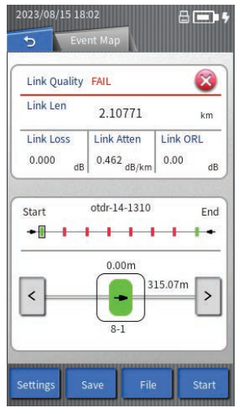
iNNO® INSTRUMENT

CHARACTERISTICS

REVOLUTIONIZING FIBER OPTIC TESTING WITH EVENT MAP

Event Map is an OTDR application designed to simplify and automate the fiber testing process. Traditionally, analyzing OTDR traces requires setting multiple parameters and manually interpreting complex data. Event Map changes that by using advanced algorithms to dynamically determine optimal testing conditions and automatically analyze results.





- Easy-to-use Software
- Minimizes Training - No Skill Needed
- Simple, Accurate Analysis

Key Applications of Event Map

Network Installation & Maintenance	Event Map helps technicians, regardless of skill, validate fiber connections, identify insertion loss, and ensure installation quality - streamlining both setup and routine maintenance.
Efficient Troubleshooting	When faults occur, Event Map enables rapid diagnosis by accurately locating problems, reducing downtime and minimizing service interruptions.
Industry-Grade Fiber Testing	Widely used in telecom, enterprise data centers, and research environments, Event Map ensures high-performance optical networks through consistent testing.

OTDR
Quickly identifies fiber faults and connections - ideal for short links and access networks.

Visual Fault Locator
Visually locates breaks and bad splices with a red laser - perfect for quick troubleshooting.

Optical Power Meter
Measures signal strength instantly - great for verifying link performance on-site.

Event Map
Displays a simplified view of events for fast, easy interpretation.

Reporting (Multiple Formats)
Export results in multiple formats for easy documentation and sharing.

Light Source
Provides stable output for basic loss and continuity testing.

RELIABLE PERFORMANCE FOR EVERY FIBER APPLICATION

INNO Instrument's OTDR solutions deliver the performance and precision needed for FTTx deployment. Trusted in the field and engineered for versatility, our OTDRs provide technicians with clear insights and fast diagnostics across diverse fiber scenarios. With advanced testing and monitoring features built for real-world demands, INNO Instrument equips professionals to build, certify, and maintain the fiber networks the world depends on.

Key Field Applications with the View300

FTTx/PON Testing	Test fiber access networks quickly and accurately, even in dense areas.
Live Fiber Testing	Troubleshoot active fibers without disrupting service.
Link Certification	Certify fiber links to meet required standards.

RELATED PRODUCTS

V30X
Optical Fiber Tester

view600
OTDR

mini2
OTDR

view 300

SCAN QR CODE
Check more about **View 300**

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