view 300

HANDHELD PORTABLE OTDR
1310/1550nm | 28/26dB

OTDR   Event Map   Visual Fault Locator   Optical Power Meter

iNNO
INSTRUMENT

V1.00

View 300

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 x 800
Fiber type	Single Mode
Wave length	1310nm±20nm 1550nm±20nm
Max dynamic range	28dB(1310nm) 26dB(1550nm)
Event Dead Zone	3m
Attenuation Dead Zone	8m
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)
Linearity (dB/dB)	±0.2
Sampling points	16k~128k
Sampling resolution	0.05m~8m
Loss resolution	0.001db
Loss threshold	0.20db
Distance resolution	0.001m
Refractive index	1.000000~2.00000
Reflecting specularity	±3dB
Format	SOR, BMP, PDF, SOLA
Loss test mode	4 point method / 5 point method
Laser safety rating	Class 2 level
Optical connector	UPC / APC, SC / FC
Export wavelength	Consistent with OTDR export wavelengths
Dimension	180 x 95 x 40mm

TECHNICAL SPECIFICATIONS - VFL & OPM

Items	Specifications
Light Source	Laser type: FP-LD
	Outport power: ≥-5dBm
	Stability: CW,±0.5db / 15min
	Optical connector: UPC / APC
	Output mode: CW / 270Hz / 330Hz / 1kHz / 2kHz
OPM	Optical connector: Multi connector
	Wavelength: 850 / 1300 / 1310 / 1490 / 1550 / 1625 / 1650nm
	Power range: -70 to 6dBm (Accuracy: 0.01 dB)
VFL	Wavelength: 650nm±20nm
	Output power: ≥10mW
	Operation mode: CW / 1Hz / 2Hze
	Optical connector: Replaceable

ENVIRONMENTAL CONDITION & TEST

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

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

RELATED PRODUCTS
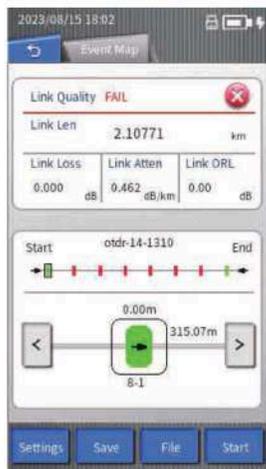

V30x
Optical Fiber Tester

view600
OTDR

mini2
OTDR

CHARACTERISTICS

VFL

Singlemode
OTDR Port

Optical
Connector

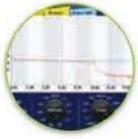## REVOLUTIONIZING FIBER OPTIC TESTING WITH EVENT MAP

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.

Event Map

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

Visual Fault Locator

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

Reporting (Multiple Formats)

Export results in multiple formats for easy documentation and sharing.

Optical Power Meter

Measures signal strength instantly - great for verifying link performance on-site

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.

Point-to-Point Testing

Last Mile

Quick Troubleshooting

Link Certification

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.

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