VIEW500

WORLD' S MOST ACCURATE & FASTEST OTDR

- The World's Fastest Booting Time
- SOLA, Simplify The OTDR Test Process
- 7" Touch Screen with Smart GUI
- 8GB Internal Storage with Internal SD Card & External USB Memory
- Built-In VFL, Light Source and OPM
- Ultra-High Capacity Battery

BELIEVE YOUR EYES.

Ver.2.3

DESCRIPTION

The VIEW500 OTDR is used in the installation and maintenance of fiber optic cables. Features of the VIEW500 OTDR include high precision test capabilities, fast response times, and easy to learn operation. The multi-point capacitive touch screen allows for user-friendly operation. The VIEW500 offers accurate and fast test results and creates a report automatically. The VIEW500 is equipped with an industrial grade CPU for creating and storing test results.

CHARACTERISTICS

The World's Fastest Booting Time

Simplify the Test Process

Measure Optical Power & Loss

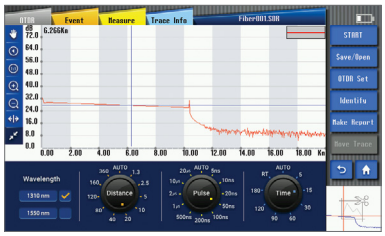
Measure Fiber Optical Link

7" Touch Screen with
Smart GUI
High Brightness
Resolution of 800x480

Identify Fiber
Fault Location

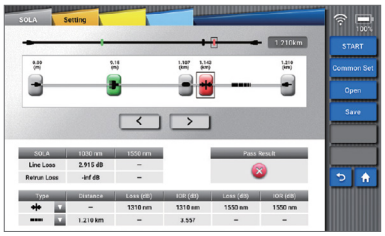
Magnify the
Fiber End Face

OTDR



OTDR mode allows for measuring distance, loss, reflectivity, attenuation and accumulation loss on a fiber optical link.

SOLA

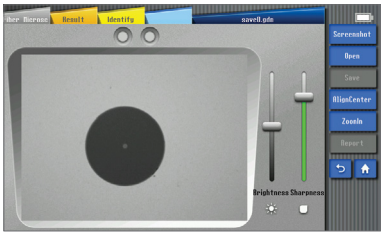


SOLA is an application for the OTDR, designed to simplify OTDR test process without the need to configure the parameters or analysis while parsing multiple complex OTDR curves.

VFL

VFL allows for finding direct fault locations in fiber test dead zones or performing fiber core calibration in multi-fiber cables.

FIBER MICROSCOPE

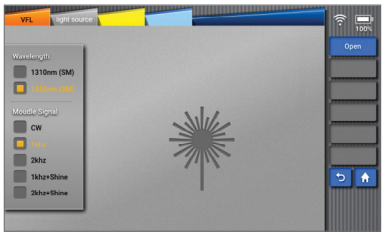


Fiber end tester (peripheral required) is mainly used to test the cleanliness and flatness of the fiber end face.

OPM

OPM is used for measuring the absolute optical power meter or relative optical power loss through the span of the optical fiber.

LIGHT SOURCE



Invisiable light source (1310 or 1550ns) can provide the following types of light, including CW light, 1kHz light, 2kHz light, 1kHz blink light, 2kHz blink light.

ULTRA-HIGH CAPACITY BATTERY

VIEW500 offers the ultra-high battery capacity of 7800mAh.

TECHNICAL SPECIFICATIONS

Model	VIEW500
Display	7 inches, High Brightness TFT LCD, resolution of 800×480
Distance unit	m / km / mile
Dynamic range	1310nm / 1550nm, 35dB / 33dB
Measurement range (km)	1.3, 2.5, 5, 10, 20, 40, 80, 120, 160, 360km
Measurement range (mile)	0.81, 1.55, 3.11, 6.22, 12.4, 24.8, 49.6, 74.6, 99.4, 223.7mile
Pulse width	5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 10μs, 20μs
Event dead zone	0.8m
Attenuation dead zone	4m
Distance accuracy	±(1m+Distance×2.5×10^{-5} +Sampling resolution)
Loss scale linearity	±0.1dB or ±0.05dB / dB
Sampling points	160,000 points
Resolution	0.04m ~ 10.24m
Operating mode	Press keys and touch screen
Battery capacity	7,800mAh
File format	SOR(Telcordia), BMP, JPG
External connection	USB 2.0
Compatible connector	FC, SC (APC or UPC)
Power supply	AC Input 100-240V, 50-60Hz / DC Input 19V, 3.42A
VFL module	Operating wavelength: 650nm ±10nm, Universal interface: 2.5mm
Light source	Operating wavelength: 1310nm / 1550 nm ±10nm
Optical power meter	Wavelength calibration: 850 / 1300 / 1310 / 1490 / 1550 / 1625nm
Measurement time (OPM)	-70 to +6dBm
Accuracy (OPM)	0.01dB
Unit display for OPM	dB, dBm, uW

PACKAGE

OTDR	VIEW500
Power Cable	ACC-25
AC Adapter	JS-180300
Carrying Case / Key	√
Shoulder Strap	√
Touch Pen	√
Verification Sepcifications	√

GENERAL SPECIFICATIONS

Dimension	7.08H x 10.70W x 2.44D inches (180H x 272W x 62D mm, excluding rubber bumper)
Weight	4.19pounds (1.90kg with battery)
Operating conditions	-10~50℃, 0%~45% (no moisture condensation)
Storage conditions	-20~60℃, 0%~95% (no moisture condensation)

* The information on this catalog is subject to change without prior notice.

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