

# VIEW 600

Modular OTDR with high performance

13 modules applicable

SOLA (Smart Optical Link Analyzer)

7" Touch screen with smart GUI

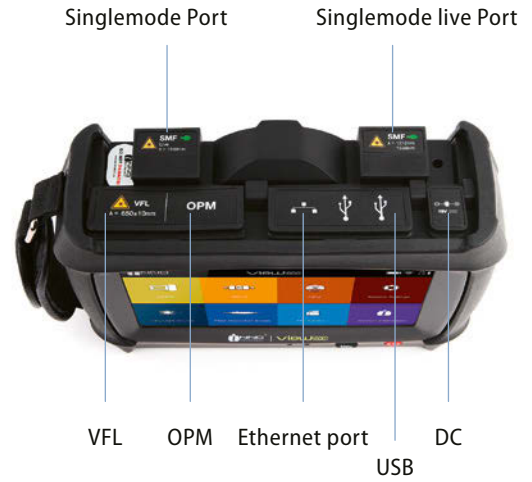
8 GB storage with internal SD Card & external USB memory

Built-In VFL, light source and OPM



The INNO Instrument View 600 can handle all measurement tasks in optical networks. Thanks to its modular design, it can be equipped with 13 different modules and therefore leaves nothing to be desired. In addition to the extremely precise measurement results, the very powerful CPU allows a very short reaction time.

In combination with the high-quality capacitive touch screen and the intuitive user interface, already known from other devices, the View 600 convinces in every respect.



Simplify the test process



Measure fiber optical link



Measure optical power & loss



7" Touch screen with smart GUI  
High brightness  
Resolution of 800 x 480



Identify fiber fault location



Magnify the fiber end-face



Effective tool for managing test result files

## OTDR (Optical Time Domain Reflectometer)



OTDR mode allows you to measure distance, loss, reflectance, attenuation, ORL and sum on an optical fiber. In Auto mode, the test is automatically performed without further adjustments. Test results can be stored in 3 types of formats (image, SOR, PDF).

## VFL (Visual Fault Locator)



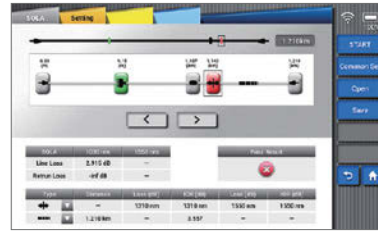
VFL (Visual Fault Locator) visually identifies the location of the bending point, defective connector or splice point by emitting a bright red laser (it can reach a maximum of 10 km), and this is an essential function for field technicians.

## OPM (Optical Power Meter)



OPM (Optical Power Meter) is used to accurately measure optical power on fiber optic networks operating at 850 nm, 1,300 nm, 1,310 nm, 1,490 nm, 1,550 nm, 1,610 nm and 1,625 nm.

## SOLA (Smart Optical Link Analyzer)



SOLA (Smart Optical Link Analyzer), an application that simplifies the measurement process, shows you accurate test results using an advanced algorithm and an optimal multiple pulse width. You do not need to set complicated parameters, which means that even unskilled workers can perform measurements with great ease.

## Fiber microscope



Testing the end-face of the fiber on connectors with a fiber optic microscope is very important, as a contaminated or damaged connector can cause critical damage to the test results as well as to the test port.

## Light source



Invisible light source (1,310 / 1,550 nm) can provide the following sources of light: CW, 1 kHz, 2 kHz modulated and 1 kHz & 2 kHz blink.



## General specifications

Dimension: 6.25 H × 8.58 W × 2.75 D inches  
(159 H × 218 W × 70 D mm, excluding rubber bumper)  
Weight: 3.75 pounds (1.70 kg with battery)  
Operating conditions: -10 ~ 50 °C  
Storage conditions: -20 ~ 60 °C  
Relative humidity: 0 ~ 95 % (Noncondensing)

## Software features

Softwareupdate	Simple update with USB memory stick
Auto mode	Automatic optimization of parameters and test process
INNO PC Program	A tool for analyzing and revising the test results of OTDR and SOLA
PDF reporting	Providing the test report in PDF format
PDF viewer	PDF file can be viewed on the screen
Transmission via USB / Wi-fi	Quick transmission of test results via USB and Wi-Fi
Link with printer	Printing by connected printer
Distance editing	Manually changing distance on OTDR mode
Identifying macro-bending	Identifying micro-bending on OTDR or SOLA mode
Operation with mouse	Easy operation with mouse (linked to USB port)

## OTDR modules

Name	Wavelength (nm)	Dynamic range (dB)	Event dead zone (m)	Attenuation dead zone (m)	PON dead zone (m)
Module 1	1,310 / 1,550	30 / 28	1	4	35
Module 2	1,310 / 1,550 / 1,625	30 / 28 / 28	1	4	35
Module 3	1,310 / 1,550 / 1,625 live port	30 / 28 / 28	1	4	35
Module 4	1,310 / 1,550	36 / 35	0.7	3	35
Module 5	1,310 / 1,550 / 1,625 live port	36 / 35 / 35	0.7	3	35
Module 6	850 / 1,300	27 / 29	0.5	3	35
Module 7	850 / 1,300 / 1,310 / 1,550	27 / 29 / 36 / 35	SM: 0.7 / MM: 0.5	SM: 3 / MM: 3	35
Module 8	1,310 / 1,550	39 / 38	0.5	3	30
Module 9	1,310 / 1,550 / 1,625	39 / 38 / 39	0.5	3	30
Module 10	1,310 / 1,550 / 1,625 live port	39 / 38 / 39	0.5	3	30
Module 11	1,310 / 1,550 / 1,650 live port	39 / 38 / 39	0.5	3	30
Module 12	1,625 live port	39	0.5	3	30
Module 13	1,650 live port	39	0.5	3	30

## Modular OTDR

Singlemode OTDR live Port



## Specifications

Model	View 600
Display	7 inches, high brightness TFT LCD, resolution of 800 × 480 px
Distance units	m / km / mile / ft
Range settings (km)	1.3, 2.5, 5, 10, 20, 40, 80, 120, 160, 360 km
Range settings (mile)	0.81, 1.55, 3.11, 6.22, 12.4, 24.8, 49.6, 74.6, 99.4, 232.7 mile
Pulse width	3 ns, 10 ns, 20 ns, 50 ns, 100 ns, 200 ns, 500 ns, 1 μs, 2 μs, 10 μs, 20 μs
Distance accuracy	± (1 m + distance × 2.5 × 10 <sup>-5</sup> + sampling resolution)
Linearity	0.03 dB
Sampling points	256,000 points
Refractive index	1.000000—2.000000 (step: 0.000001)
Splitting ratio	Up to 1:128 splitter
Resolution	0.04 m ~ 10.24 m
Loss readout resolution	0.001 dB
Battery capacity	Operating time: Up to 12 hours
File format	SOR, BMP, JPG, GDM, SOLA, PDF
Storage capacity	7.4 GB (about 20,000 PDF reports)
External connection	2× USB 2.0
Compatible connector	APC (FC, SC, LC), UPC (FC, SC, LC, ST)
Power supply	AC input 100—240 V, 50—60 Hz / DC input 19 V, 3.42 A
VFL port	2.5 mm ferrule type
VFL wavelength	650 nm ± 10 nm
VFL distance	Up to 10 km
VFL output power	20 mW
Light source	Operating wavelength: 1,310 nm / 1,550 nm ± 10 nm
Light source output power	-5 dBm
OPM port	SC, FC, ST
Wavelength calibration (OPM)	850 / 1,300 / 1,310 / 1,490 / 1,550 / 1,625 / 1,650
Power range (OPM)	-70 to +6 dBm (Accuracy: 0.01 dB)

## Delivery contents

OTDR	VIEW 600
Power cable / AC adapter	ACC-25 / JS-180300
Carrying case with shoulder strap	Soft case
Touch pen	✓
Calibration certificate	✓

## APC connector

To improve test efficiency and optimize the OTDR function, it is recommended to use the APC connector and plug it to the View 600 SM port, due to the low reflectance it causes. The reflection coefficient is the key parameter that will affect OTDR performance and particularly the dead zone (APC connector performance is better than UPC connector performance).

The information contained in this catalogue is subject to change without notice.

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