HSV
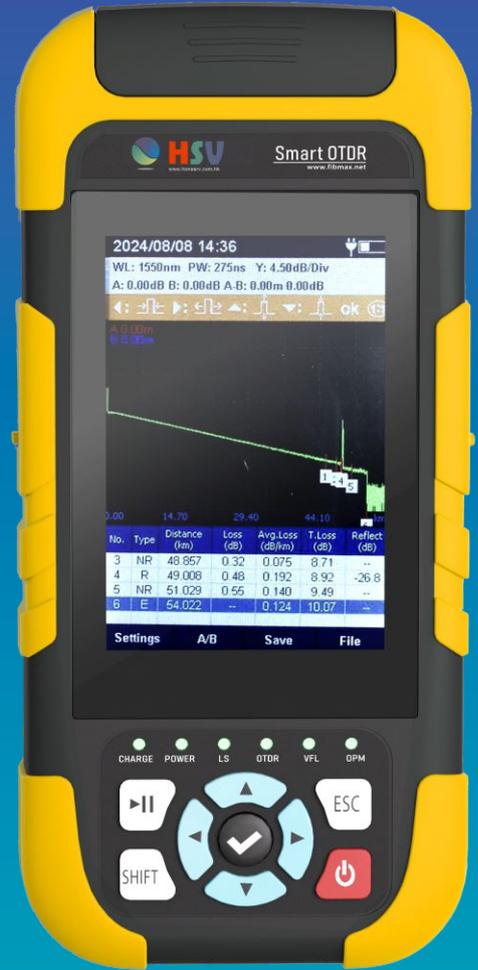
www.honserv.com.hk

HSV-110D

Portable Multi-Functional OTDR

3.5-inch color touch screen

Event map ready

Testing range up to 90km

20 hours high capacity battery

Function

1. OTDR   2. Event Map   3. Power Meter   4. VFL

5. Light Source   6. Loss Tester   7. RJ45 Sequence   8. Flashlight

Application

Applicable to base on FTTX and access network construction and maintenance, test the breakpoint, Length, loss of the fiber.

CHARACTERISTICS

USB Type-C charging port

3.5-inch color capacitive touch screen

Press the power button twice to turn on the LED lighting

Hidden Rj45 test device

SPECIFICATIONS

Portable Multi-Functional OTDR

Model	HSV-110D
Wavelength(nm)	1310/1550nm(Optional 1625nm for Live Testing)
Dynamic(dB)	24/22(dB)
Event Dead Zone(m)	2.5(m)
Attenuation Dead Zone(m)	8(m)
Distance range	100m/500m/1km/5km/10km/20km/40km/60km/90km
Pulse width(ns)	5ns/10ns/20ns/50ns/100ns/200ns/500ns/1us/2us/5us/10us
Distance Accuracy(m)	±(1m+sampling interval+0.005%×measurement range)
Linerity(dB/dB)	±0.2dB/dB
Sampling Points	20000
Sampling resolution	25cm~8m
Loss resolution(dB/dB)	0.001dB
Range resolution	0.001m
Refractive index	1.00000-2.00000
Reflection accuracy	±3dB
File Format	SOR
Optical connector	FC/SC/ST

OPM

Wavelength(nm)	850nm~1650nm
Calibration wavelength	850/1300/1310/1490/1550/1625/1650nm
Measurement range	A:-70~+10dB B:-50~+26dB
Identification frequency	270Hz/330Hz/1kHZ/2kHz
Uncertainty	±5%
Optical connector	2.5mm universal connector (FC/SC/ST)

VFL

Output wavelength	650nm
Laser type	FP-LD
Output power	-5dm±2dB
Uncertainty	±5%
Optical connector	2.5mm universal connector (FC/SC/ST)

General

Data interface	Type-C USB
Data storage	Internal storage(≥1000 results)/SD Card
Storage condition	-40℃~+70℃
Relative humidity	0~90%non-condensing
Operation condition	-10℃~50℃

Inventory

Inventory	Quantity
OTDR	*1
Type-C USB Cable	*1
User Guide	*1
Calibration Certificate	*1
Soft bag	*1
Extra connector(FC/SC)	*1
Charger plug	*1