

HSV-600 Series Handheld OTDR



- ▶ HSV-600 series OTDR is designed by Hong Kong Honserv Limited with U.S technology
- ▶ 7-inch, outdoor enhanced touch screen for you to get visual GUI
- ▶ Handy, lightweight, powerful, 12-hour autonomy unprecedented testing experience is very suitable for fiber optic test environment
- ▶ With outstanding optical performance, exquisite appearance, accurate and stable internal parameters, the first choice for fiber optic project companies

12-hus
Battery
Life

Fiber
Path
(iOLM)

Fttx
/PON
OTDR

7- inch
Touch
Screen

Specifications

1. Applicable fiber: SM MM FTTx/PON
2. ≤0.8m extra-short event dead zone
3. Up to 45/43dB High Dynamic Range
4. Memory storage>80,000 OTDR traces
5. With built-in power meter&VFL;fiber path (iOLM) functions
6. 800×480 TFT,7.0 inch outdoor-enhanced touch screen
7. Built-in lithium battery with high capacity for 12 hours run time

▶ Outstanding optical performance index

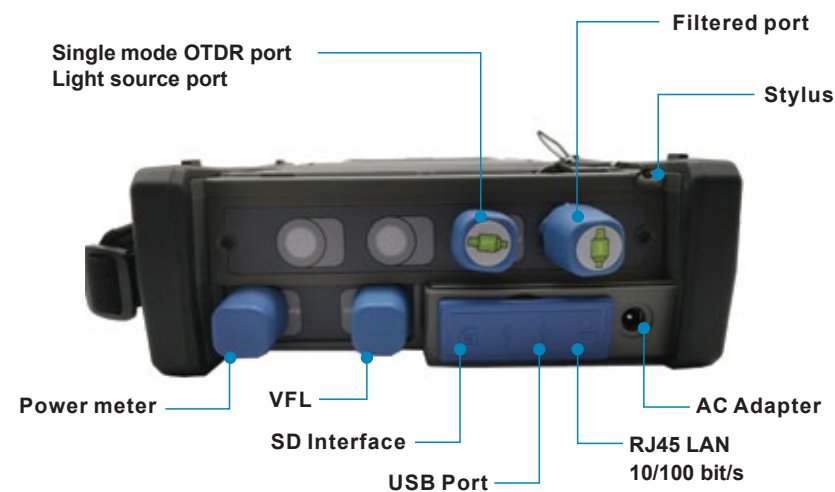


Abstract curve visualization



Even dead zone≤0.8m
Attenuation dead zone≤4m

Product Details



Packing Information

- ◆ HSV-600 series OTDR
- ◆ AC Adapter (3 kinds of plugs can be selected)
- ◆ Built-in lithium battery
- ◆ Stylus
- ◆ Extra FC connector for power meter
- ◆ Calibration Certificate
- ◆ Certificate of compliance
- ◆ Standard black bag with shoulder strap

▶ CONFIGURATION LIST:



▶ Support four interface fiber types



Complementary products



Display

Screen Shot Function
Soft Keyboard
Brightness Control
Status Indicator



Function Icon

Markers information
Status Bar



Shortcut Setting

Soft keyboard

Events

Product Display:



Technical Parameters

Model	HSV610	HSV-620	HSV-630	HSV-630A	HSV-630B	HSV-630C	HSV-640	HSV-670	HSV-680	HSV-630M1	HSV-630M2
Wavelength(nm)	1310/1550	1310/1550	1310/1550	1310/1550/1625	1310/1550/1650	1310/1490/1550	1310/1550	1310/1550	1310/1550	850/1300 1310/1550	850/1300 1310/1550
Wavelength accuracy(nm)	±20nm										
Dynamic range(dB)	32/30	35/33	37/35	37/35/35			40/38	43/41	45/43	22/26/37/35	
Event deadzone	1.5m	1	0.8	0.8			0.8	0.8	0.8	SM≤0.8 MM≤0.8	
Attenuation deadzone (m)	6	5	4	4	4	4	4	4	4	SM≤3 MM≤5	
Pulse with (ns)	3ns 5ns 10 ns 20 ns 50 ns 100 ns 200 ns 500 ns 1µs 2µs 5µs 10µs 20µs										
Distance range	100m 400m 1.5km 3km 6km 12km 25km 50km 100km 200km 400km										
Sampling resolution(m)	10cm~12.8m			5cm~12.9m							
Sampling points	128000			256000							
Distance Accuracy (m)	± (0.75m+0.005%×Fiber length+sampling resolution)			± (0.75m+0.001%×Fiber length+sampling resolution)							
Group of refractive index range	1.30000~1.70000										
Linearity(dB/dB)	0.03										
Loss threshold(dB)	0.001										
Loss of resolution(dB/km)	0.001										
Measuring time range	5s~3min, real-time										
Real refresh rate	4/s										
Optical over meter	calibrated wavelength: 1310 nm/1550nm Wavelength: 850nm/980nm/1300nm/1310nm/1490nm/1550nm/1610nm Dynamic range: -70dBm~+10dBm, ±0.17dB accuracy										
VFL	650 nm±10 nm, 10mW Compliance: laser safety class II										
FIP	250X amplifier, USB2.0 port										
Optical source	1310 nm/1550nm, -11dBm										
Display screen	7in (178mm) 、800×480 dot matrix TFT touch screen										
Interface	USB2.0 ×2, power supply DC5V±0.05V@500mA RJ45×1, LAN, 10M/100M; Macro SD×1, TF×1(Max,64GB)										
Storage	8GB memory (80000 OTDR trace) 8GB SD card (80000OTDR trace)(option)										
Battery	7.4V 5300mAh Lithium battery pack, 39.22Wh 12 hours continuous working time										
Overall power consumption	<3W										
Power supply	AC/DC adapter: input:100-240V 50~60Hz DC output12V 1.5A; W: 18W max										
Circumstance	Operating temperature: -10°C~+50°C ; storge temperature: -40°C~+70°C ; humidity: 0%-95% NA										
Dimension(length*width*height)	196*172*72mm Weight										
Weight(including battery)	<1.5kg Language										
Language	Chinese,English,Spanish,French,Russian, German, Korean,Italian,Arabic										