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

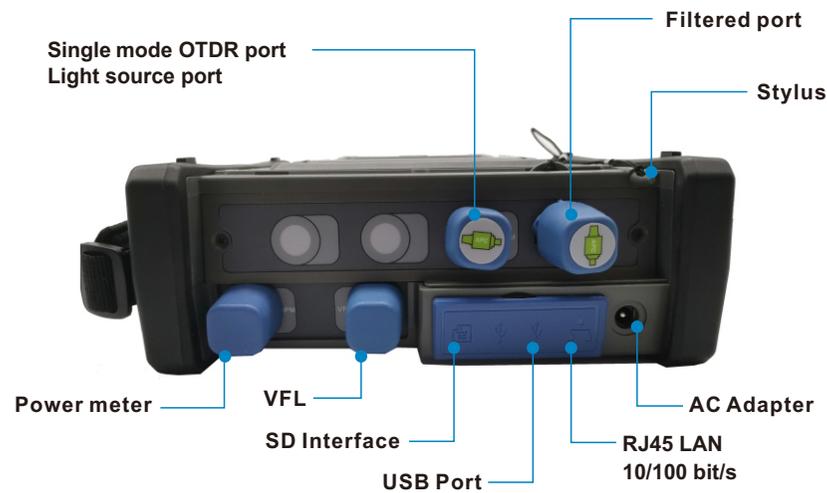### ▶ Outstanding optical performance index

Abstract curve visualization

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

Product Details

- Filtered port
- Single mode OTDR port
- Light source port
- Stylus
- Power meter
- VFL
- SD Interface
- USB Port
- RJ45 LAN 10/100 bit/s
- AC Adapter

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

▶ CONFIGUARTION LIST:

▶ Support four interface fiber types

| FC | SC | ST | LC |

Complementary products

Fiber Inspection Probe   **OTDR launch cable box**   **Fiber optic cleaner**

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**

Screen Shot Function
Soft Keyboard
Brightness Control
Status Indicator

Function Icon

MAC: 94:F7:20:02:5E:68   IP: 192.168.1.61

Markers information
Status Bar
Shortcut Setting
Thumbnail
Trace
Soft keyboard
Events

▶ **Product Display:**

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 deaadzone (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										
Samping resolution(m)	10cm~12.8m			5cm～12.9m							
Samping 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 ower 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（80000OTDROTDR trace) (option)										
Battery	7.4V 5300mAh Lithium battery pack，39.22Wh 12 hours continuous working time										
Overall power consumtion	<3W										
Power supply	AC/DC adapter：input:100-240V 50~60Hz DC output12V 1.5A；W：18W max										
Circumstance	Operating temperature：-10℃~+50℃；storge temperature：-40℃~+70℃；humidity：0%-95% NA										
Dimension(length*width*height)	196*172*72mm Weight										
Weight(including battery)	< 1.5kg Lauguage										
Language	Chinese,English,Spanish,French,Russian, German, Korean,Italian,Arabic										