



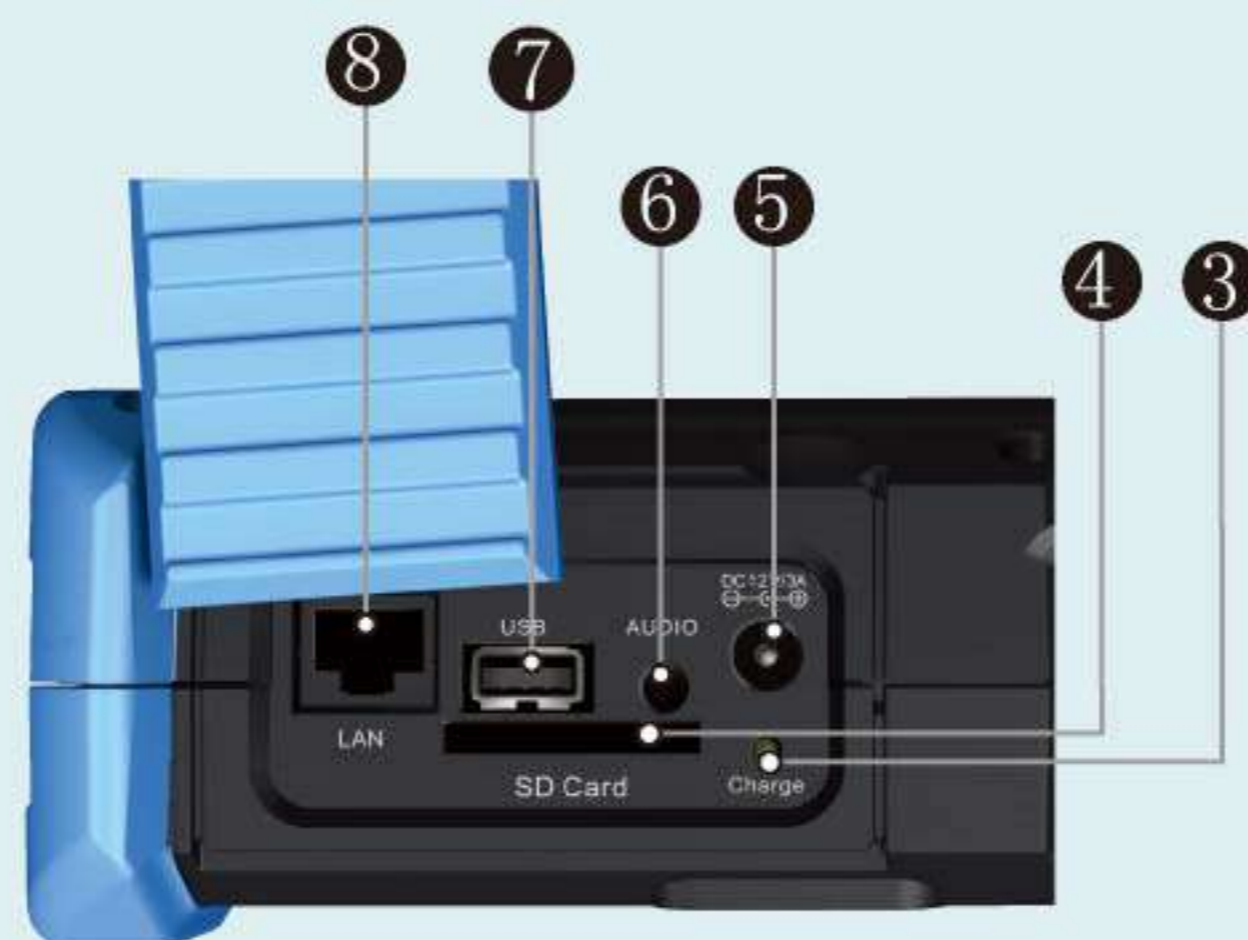
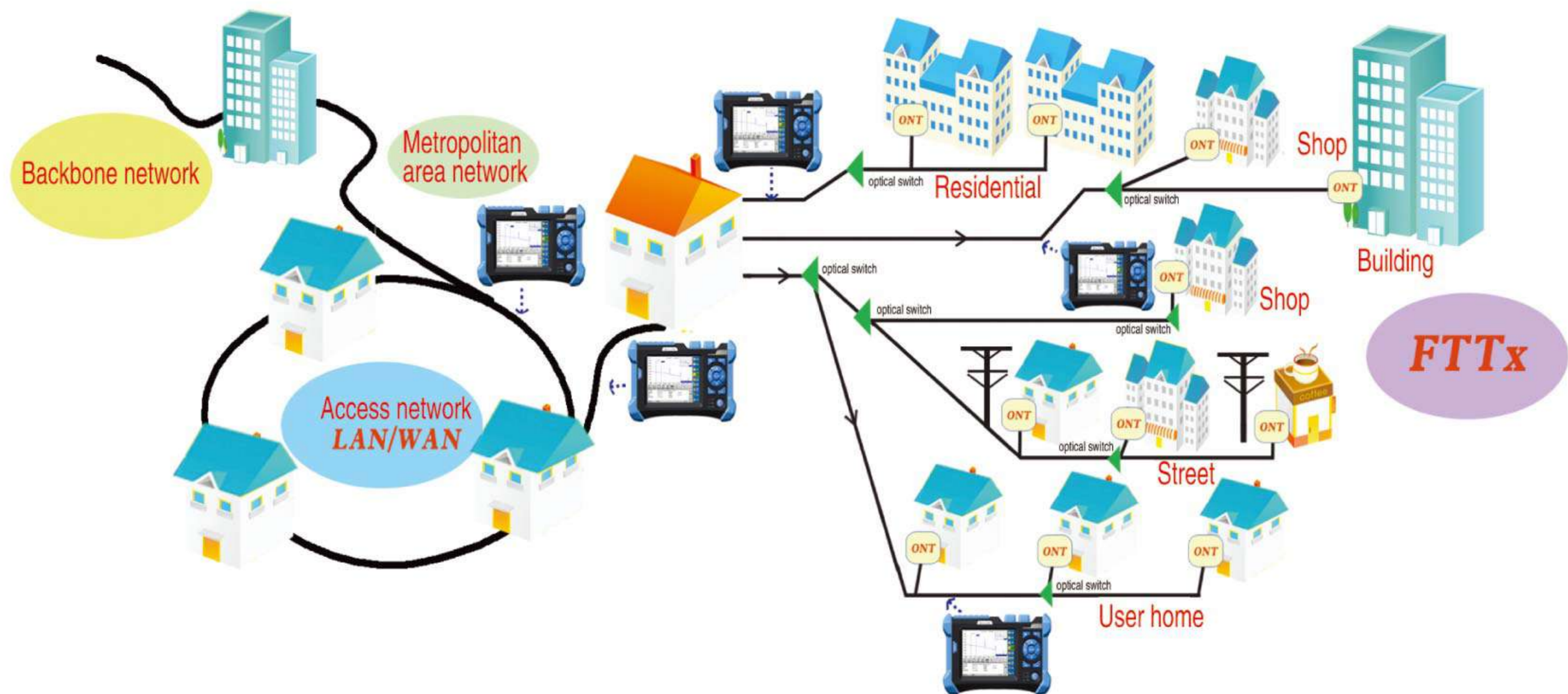
# Optical Time Domain Reflectometer TR600

- Large touch screen + shortcut keys, easy to operate.
- Large-capacity polymer lithium battery, with superlong working hours.
- Intelligent testing, simple use, powerful function.
- Media of Memory Card + SD card, with superlarge storage capacity of traces.
- Able to meet FTTx testing needs
- Several wavelengths can be chosen.
- Solid casing design, dustproof and shockproof.



*More powerful performance, much easier operation, more efficient work.*

To meet the needs on the wide range of measurement by FTTx, Metropolitan Area Network, Backbone Network and other optical networks.



- ① Optical interface 1/VFL
- ② Optical interface 2/OTDR
- ③ Charging indicator
- ④ SD card interface
- ⑤ Power adapter interface
- ⑥ Earphone interface
- ⑦ USB interface
- ⑧ Ethernet interface

## Technical Specifications <sup>1</sup>

Wavelength (nm)	850/1300	1310/1550	1310/1490/1550	1625
Dynamic range (dB) <sup>2</sup>	21/19	32/30 38/36 40/38	32/30/30	34 <sup>4</sup> 36 <sup>5</sup>
Pulse width (ns)	5,20,40,80,160,320,640,1280	5, 10, 20, 40, 80, 160, 320, 640, 1280, 2560, 5120, 10240, 20480		
Event blind zone (m) <sup>3</sup>	≤ 1.8			
Attenuation blind zone (m) <sup>3</sup>	≤ 10			
Display	5.6" LCD touch screen			
Linearity (dB/dB)	± 0.05			
Loss threshold (dB)	0.05			
Loss resolution ratio (dB)	0.001			
Sampling resolution ratio (m)	0.125 to 8			
Sampling point	32K			
Distance uncertainty (m)	± (1 m + 5 × 10 <sup>-5</sup> × distance + sampling interval)			
Distance scope (km)	0.3 to 180			
Typical real-time refreshing duration (s)	0.2			
Memory capacity of trace	SD Card (4G), > 10000 pieces			
Duration of measurement	Defined by user; 5sec, 10sec, 15sec, 30sec, 1min, 2min, and 3min are selectable			

## General specification

Dimension (H × W × D)	150 × 235 × 66mm
Weight	1.5kg
Temperature	Running temperature -10°C to +50°C
	Memory temperature -40°C to +70°C
Relative humidity	0% to 95% (non condensation)
Power supply	Lithium battery; continuing working duration ≥ 8 hours

## Interface category

Optical interface	FC/UPC (PC, and APC are selectable)
Data interface	USB interface, SD card interface

## Visible failure orientation VFL

Wavelength	650nm
Output power (dBm)	≥ -3
Maximum testing distance	3km

Remarks:

1. The technical specification describes the ensured performance of the instrument when using typical PC model connector to measure. Without considering the uncertainty caused by optical fiber refractivity.
2. Dynamic range is the data measured under the condition of the maximum pulse width and 3 minutes of average time. Dynamic range is the data measured under the condition of 180km/20480ns/3min.
3. Measuring conditions of blind zone: reflection event is within 4Km, reflection strength < -45dB. Measured by the minimum pulse width.
4. Dynamic range measured when there is filter.
5. Dynamic range measured when there is no filter.

## Model details:

TR600- MV10A = 850/1300MMF+VFL,20/18dB  
TR600- MV10B = 850/1300MMF+VFL,23/21dB  
TR600- SV20A = 1310/1550SMF+VFL,32/30dB  
TR600- SV20C = 1310/1550SMF+VFL,38/36dB  
TR600- SV20D = 1310/1550SMF+VFL,40/38dB  
TR600- SV30A = 1310/1490/1550SMF+VFL,32/30/30dB  
TR600- SV30C = 1310/1490/1550SMF+VFL,36/34/34dB  
TR600- SS24AF = 1310/1550SMF+1625SMF,32/30/28dB  
TR600- SS24CF = 1310/1550SMF+1625SMF,38/36/34dB  
TR600- MS8035AA = 850MMF+1310/1550SMF,22/30/28dB  
TR600- MS8330AA = 850/1300MMF+1310SMF,20/18/30dB  
TR600- MS8035BA = 850MMF+1310/1550SMF,25/30/28dB  
TR600- MS8330BA = 850/1300MMF+1310SMF,23/21/30dB  
TR600- MS8335AA = 850/1300MMF+1310/1550SMF,20/18/30/28dB

## Recommendation:



Optical Cable Identifier



FTTH ONT Finder



Optical Cable Fault Tracker(OCFT)