



CNT-8050

Cable and Network Tester

DADI Telecom

Professional Communication Tester Manufacturer from China



CNT-8050 is a necessary professional tool for cable and network troubleshooting, Ethernet deployment and maintenance. It supports 10/100/1000Mbps RJ45 electrical interface and 100/1000Mbps SFP optical interface. It can be used for cable testing, LAN testing, and terminal emulation, including PING, traceroute, PPPoE, WEB browsing, FTP download, flashing port, tone generation, link detection, optical power testing, etc. Meanwhile, its gigabit wire-speed BER testing can make a full evaluation on Ethernet link performance.

□ Functions

- Traffic generation: gigabit wire-speed traffic generation capability, support VLAN, IP QOS, PRBS setting
- Traffic statistics: statistics for sending and receiving frames, utilization rate, error frame, different length frame, VLAN frame, pause frame, broadcast frame etc.
- Data loopback: support the physical layer, MAC layer, IP layer data loopback
- Connectivity testing: PING and traceroute
- Flashing port: make the switch or router port light flashing to locate the cable and port
- Tone generation: produce four different audio signals, using with tone generator
- Link detection: detect the port link speed, duplex, polarity and other information
- Optical power test: test sending and receiving optical power of optical interface
- Cable testing: cable length, sequence, open, short, crosstalk testing, wiremap testing



- Port testing: identify port and socket type, such as Ethernet and telephone
- Terminal emulation: support PPPoE dial-up connection, Web browsing, FTP download testing
- PoE testing: identify PoE device
- Data management: support save, view, delete, copy and other operations of the test results

□ Features

- Simple and easy operation, high-definition color touch screen and graphical user interface
- Comprehensive cable testing and network testing functions
- Support RJ45 electrical interface and SFP optical interface, up to 1000Mbps
- Good compatibility, support end-to-end testing with other Ethernet testers from DADI Telecom
- Built-in large capacity Li-ion battery, longer operating time
- Optimized structure design, dust-proof and anti-shock
- Advanced cooling system, long time and stable operation

□ Applications

End-to-end testing

Use two devices to test BER and check link performance



Termination mode

Use one device to connect network, cable or equipment and execute connectivity testing, cable testing, terminal emulation, LAN testing



Loopback mode

The tester is in the status of data loop back and loops back received data according to data loop back layer



□ Specifications

General	
Size	210×110×60mm
Weight	1kg
Display	Color 4.3"LCD, 480×272
Operation mode	Touch screen
Interface	USB, RJ45, DC power
Data storage	2G SD Card
Test interface	10/100/1000BASE-T×1 100/1000BASE-X×1
Battery	Li-ion battery
Operation time	>7 hours
Operation temperature	-10°C~+50°C
Operation humidity	10%~90%
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