



BER-1560

Data Transmission Analyzer

DADI Telecom

Professional Communication Tester Manufacturer from China



BER-1560 Data Transmission Analyzer, is the necessary tool for daily maintenance and troubleshooting tasks. It fulfils E1 in-service monitoring as well as BER testing from 50b/s to 2048kb/s with supported interfaces of G.703, V.24/RS232, V.35, V.36/RS449, X.21, EIA-530/530A. Its characteristic remote monitoring function makes it ideal for users to easily perform real-time monitoring to the test unit through certain software under Windows environment.

BER-1560 is configured with large and backlight color TFT LCD. Built-in rechargeable Li-ion battery allows up to 8 hours field operation without external power supply. It supports RJ45 interface and complete TCP/IP protocols with online upgrade available.

□ Functions

- G.703 E1 testing
 - Dual E1 in-service monitoring
 - Alarm generation and error insertion
 - E1 pulse mask
 - Voice and frequency measurement
 - Slip code testing
 - Performance analysis according to ITU-T recommendation
- G.703 64K testing
 - 64K out of service testing
 - Alarm generation and error insertion
 - Performance analysis according to ITU-T recommendation
- V series interfaces testing
 - V.24/RS232, V.35, V.36/RS449, EIA-530/530A, X.21 interface BER testing
 - Performance analysis according to ITU-T recommendation
- PING testing
 - IP address setting
 - Ethernet connectivity testing



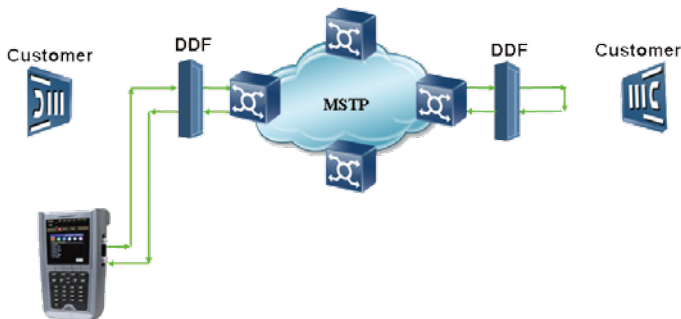
□ Features

- Color TFT LCD
- Comprehensive E1 circuit testing
- Various errors insertion and detection, such as bit, Code, FAS, CRC
- Use PC to perform the remote control of the test set through Ethernet
- Large capacity Li-ion battery guarantees 8 hours operation
- Large data storage, 5000 records

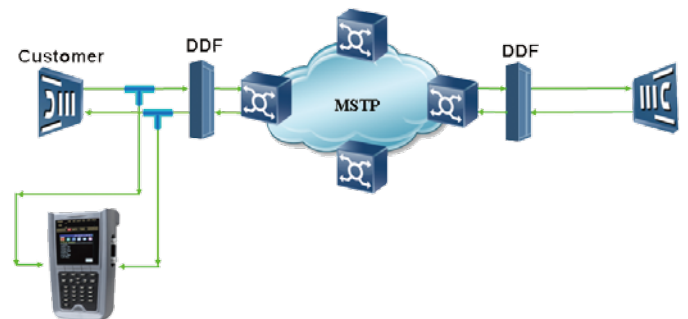


□ Applications

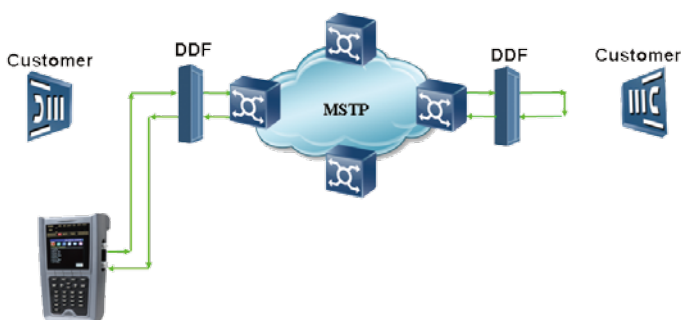
Remote loopback testing



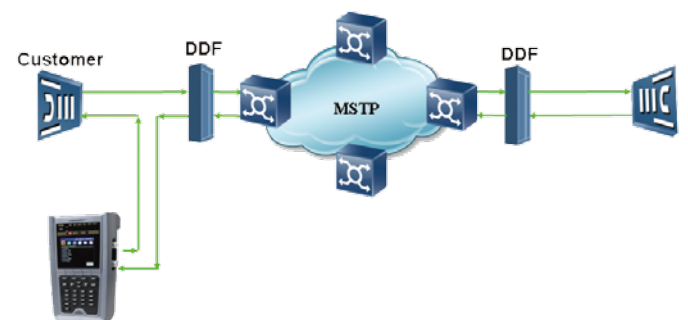
In-service monitoring



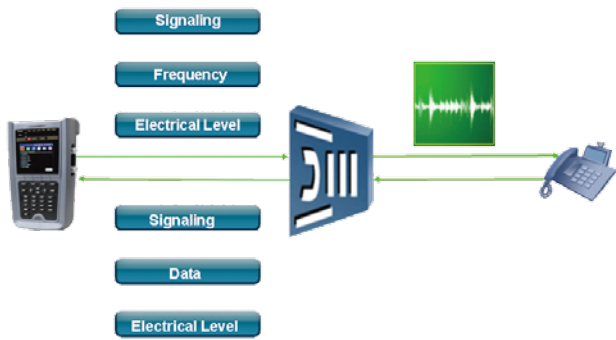
End-to-end testing



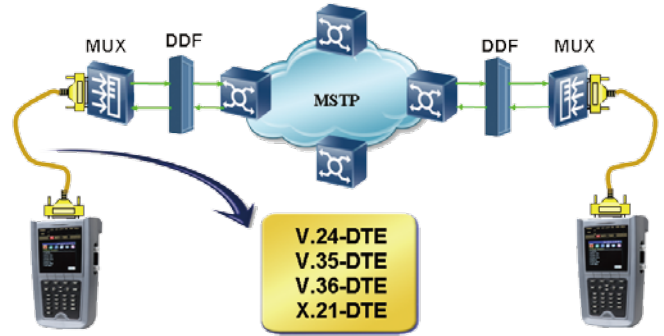
Pass through mode



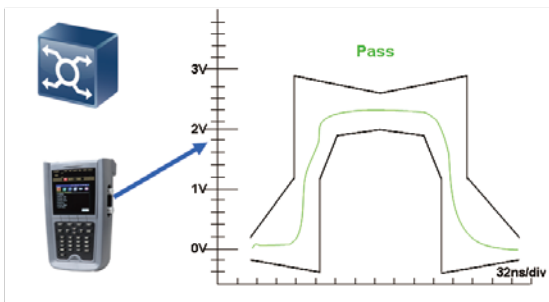
Voice and frequency measurement



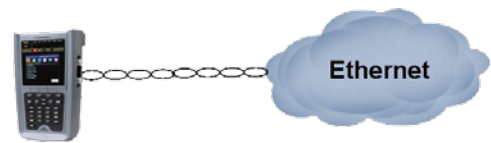
V series interfaces testing



E1 pulse mask



Ping testing



G.703 64K testing



□ Specifications

General	
Size	190×108×50mm
Weight	1.2kg
Display	3.5" TFT LCD, 320x240
Operation mode	Keyboard
Interface	RJ45, DC power
Battery	Rechargeable Li-ion battery, 5000mAh
Operation time	8 hours
Operation temperature	-10°C to 50°C
Storage temperature	-20°C to 70°C
Operation humidity	10% to 90%
Storage humidity	5% to 95%
Data storage	5000 records

E1 Testing	
Internal clock	2048KHz±10ppm
Signal code	HDB3 / AMI
Signal interface	ITU-T G.703
Test pattern	PRBS 2n-1 (n=6, 9, 11, 15, 20, 23)
Tx	BNC 75Ω unbalanced, RJ48 120Ω balanced
Rx	BNC 75Ω unbalanced / high impedance>2KΩ, RJ48 120Ω balanced / high impedance>2KΩ



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