

The DN065 is a handheld and integrated test set for the full 10/100/1000Mbps Ethernet deployment. A complete set of testing capabilities makes the DN065 ideal for the field technician to verify Ethernet service, perform cable test, BER tests, RFC2544 tests and IPDV test and determine traffic. Plus, it provides a wide range of tools necessary for Ethernet diagnosis (i.e. PING, trace route, flash port LED), thus enable itself qualified in the installation and troubleshooting of Ethernet.

Functions

- Network tools: PING, trace route, flash port LED
- Twisted-pair tests: wiremap test and cable length measurement
- Optical power test: optical power measurement for both the optical interface transmitting and receiving
- BER testing: BERT at Layer 1, Layer 2 and Layer 3
- Traffic test
 - ✓ Layer 2, Layer 3 or Layer 4 traffic generation
 - ✓ Traffic shaping: constant, ramp and burst
 - ✓ Multi-station simulation
 - ✓ Support DIX & 802.3 SNAP frame
 - ✓ Able to transmit oversize, runt and error frames
 - ✓ Multiple stream generation
- Monitoring statistics of bandwidth utilization, frame length & broadcast type
- RFC2544 test: throughput, latency, frame loss rate and back-to-back tests
- Round trip delay test
- Service disruption test for Ethernet
- IPDV test: IP packet jitter test with statistic information (Max, Min, Avg)
- Data management: save, view, delete and copy of test results

Features

- Rugged, compact & lightweight
- Easy operation, high definition color display, intuitive GUI
- Dual 10/100/1000Mbps electrical ports and 100/1000Mbps optical ports;
- Rich network tools for connectivity verification and cabling test
- Line rate traffic generation, accuracy up to 0.001%
- Multi-stream generation: 8 independent traffic flows generation for one port
- VLAN function: VLAN and QinQ traffic generation and statistics
- IP QoS: IP QoS prioritization settings;
- Multiple test modes: dual-port mode, through mode, roundtrip mode and end-to-end mode
- Powerful battery: Built-in Li-ion rechargeable battery with long operation hours.

Codici Prodotto

- DN065-1: Ethernet 10/100Mbps Single Port (RJ45 x1)
- DN065-2: Ethernet 10/100Mbps Single Port (RJ45 x1 e SFP x1)
- DN065-3: Ethernet 10/100Mbps Dual Port (RJ45 x2 e SFP x2)
- DN065-4: Ethernet 10/100/1000Mbps Single Port (RJ45 x1 e SFP x1)
- DN065-5: Ethernet 10/100/1000Mbps Dual Port (RJ45 x2 e SFP x2)



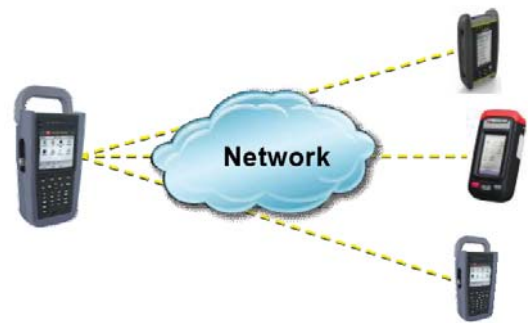
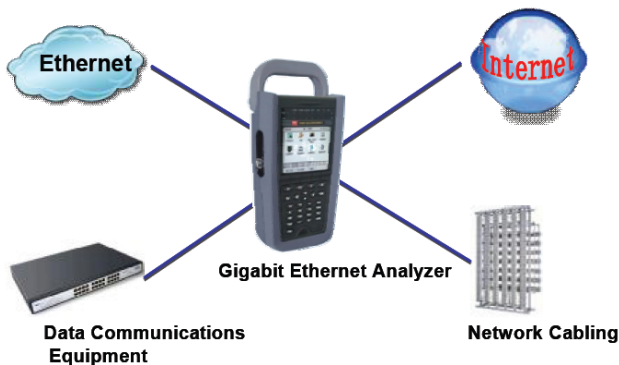
Specifications

Test Interfaces	
Test Interfaces	10/100/1000BASE-Tx2, 100/1000BASE-Xx2
Protocolli supportati	DIX, 802.3SNAP
Memory	Scheda Compact Flash (512M)
Interfaccia di comunicazione	USB, RS232, LAN
General	
Display	4" TFT LCD 320x240
Battery	5000mAh
Battery time	>7h
Temperature range	-10°C +50°C
Umidity range	<90%
Dimensions	190x108x50 mm
Weight	1.1kg

Applicazioni

Terminal Mode: Tester connesso alla rete per ping test, cable test, emulazione di terminale, ecc.

End-to-end test with two test sets



Round trip test with loop on the other remote end

Dual port mode

