



Handheld Ethernet Performance Tester - ETTA



Hand Held Ethernet Performance Test Set

FEATURES

- Compact hand held ethernet tester for bench or field use
- Often used to test end-to-end path ethernet bandwidth for Pseudo-Wire applications
- Hand held, battery Operated or use AC adapter
- Simplifies complex testing
- High performance, up to 80,000 pps, full wire-filling flood tests
- ETTA saves hours, days, even months of time
- ETTA tests include multiple jitter, ping, and bandwidth tests
- 10/100 MDI/MDIX Ethernet interface
- Two hour run time internal battery
- Easy firmware auto-update menu option
- Color touch screen
- 120VAC external 5VDC power supply

Tests Performed (V1.0)

Ping Tests

- Standard Ping with configurable size packets, counts, delays
- Ping Flood with configurable preload, size, rate
- Ping Reply Status shows Rate, PPS; 10-Sec Interval values for Rate, PPS, Min, PPS, Max, PPS

Bandwidth Tests

- Transmit Test with configurable packet size, preload, rate limiting, and interval
- Receive Test Status shows Rate, PPS; 10-Sec Interval values for Rate, PPS, Min, PPS, Max, PPS

Jitter Tests

- Jitter Configuration IP address, packet size, Count, Delay
- Transmit Status: Rate, PPS, Per Report Interval: Rate, PPS, Min, PPS, max, Max-PPS

ETTA, the Ethernet Traffic Test Appliance, is an ethernet traffic bandwidth tester. It is an easy to use hand held, powerful test set that is economical enough to put in the hands of every technician, yet powerful enough to give accurate, reliable test results.

A typical scenario for ETTA is the installation of Pseudo Wire circuits. Without using ETTA, installing a Pseudo Wire circuit can literally take days, weeks or even months. Using ETTA, the circuit path can be evaluated quickly and easily, and best of all, virtually automatically.

Compare using ETTA to either installing the Pseudo Wire equipment or using some OAM device. Both approaches, the Pseudo Wire equipment or an OAM device, can take hours to configure, hours of testing to check performance, and then hours more evaluating results and fine tuning the equipment to fit the applications.

ETTA can eliminate the time consuming trial and error testing with a simple automatic test. ETTA can eliminate hours on the phone with vendors, multiple attempts to fine tune settings. ETTA will pay for itself in a single installation.

Unlike using PCs for testing, the ETTA can fully load a 100Mbps connection and the test results are accurate, not an artifact of Windows or Linux bandwidth and driver limitations.

ETTA Ethernet Traffic Test Appliance

SPECIFICATIONS

General

- LCD Touch Screen
- Up to 2 hour battery operation
- 10/100 MDI/MDIX Ethernet interface
- 5 VDC External AC adapter supplied with unit
- LED to indicate charging/full charge conditions
- Power On/Off switch
- Firmware update menu option auto connects to DCB web site for updates

Front Panel

- 3.5 inch Color LCD Touch panel

Controls

- Touch LCD Keypad
- On-Off Switch

Rear Panel

- On/Off switch
- Ethernet port, 10/100 Full Duplex, MDI/MDIX
- Coaxial barrel type connector for external 5 VDC AC adapter

Physical/Electrical

- Hand Held, fits comfortably in the hand
- Power requirements: 5 VDC, adapter supplied with unit
- 3" W x 5.5" H x 1 3/4" D
- 1 pound with AC adapter
- Operational Temperature: 0 to +35 C

Tests Performed

The ETTA test portfolio is constantly being improved with more useful tests suggested by ETTA users. New standard-based tests are being developed. New firmware containing these tests can be automatically download with the "Firmware Update" menu option.

Ping Tests

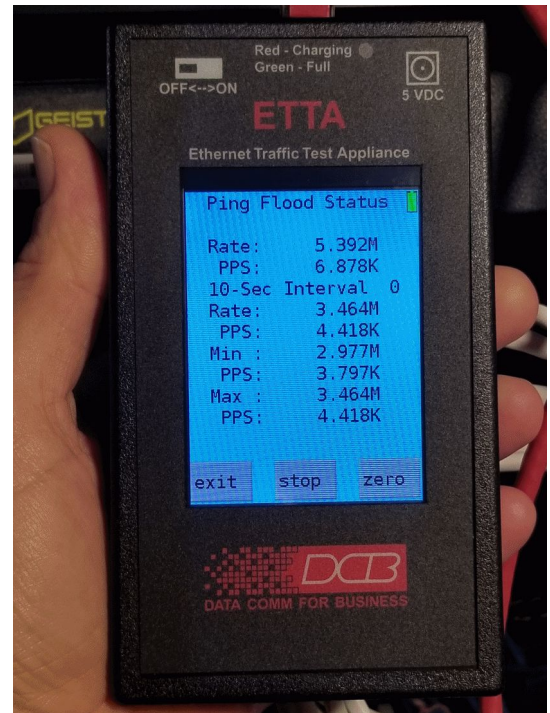
- Standard Ping with configurable size packets, counts, delays
- Ping Flood with configurable preload, size, rate
- Ping Reply Status shows Rate, PPS; 10-Sec Interval values for Rate, Min, PPS, Max, PPS

Bandwidth Tests

- Transmit Test with configurable packet size, preload, rate limiting, and interval
- Receive Test Status shows Rate, PPS; 10-Sec Interval values for Rate, PPS, Min, PPS, Max, PPS

Jitter Tests

- Jitter Configuration IP address, packet size, Count, Delay
- Transmit Status: Rate, PPS, Per Report Interval: Rate, PPS, Min, PPS, max, Max-PPS



Example Ping Flood Status



Data Comm for Business, Inc.

**2949 CR 1000 E
Dewey, IL 61840**

**Voice 8004DCBNET
(800.432.2638)**

Fax 217.897.1331

Info www.dcbnet.com/contact.html

Web www.dcbnet.com

