

LANMASTER™ DATA CLAMP

YOUR FIRST RESPONSE TOOL FOR

DIAGNOSING NETWORK PROBLEMS

LANMASTER DATA CLAMP

The revolutionary LANMASTER data clamp from Psiber Data Systems Inc. offers the network technician a way to conduct unobtrusive highspeed network testing. Thanks to a unique inductive sensor that reads data signals through UTP, STP and coaxial cables, there is no need for splitters or disassembly. In fact, the LANMASTER data clamp gives today's maintenance professional the fastest physical-layer testing available for Ethernet and Token Ring networks.

The easy-to-use LANMASTER data clamp lets you verify connectivity, measure network segment loading and log traffic levels with greater speed. All you do is open the data clamp and insert the cable. The data clamp closes and aligns automatically, providing connectionless analysis and troubleshooting for a variety of LAN conditions. You'll get the highest level of network productivity, combined with long-term reliability.

LAN TESTING



DESIGNED FOR ADMINISTRATORS AND TECHNICIANS

Moves, adds and changes are a constant part of every network, so it's important for technicians to stay up to date. The data clamp makes tracking easy, with only a few minutes needed to locate dead drops, verify good punchdowns and isolate choke points in one or more segments. Facilities managers can verify dark-cable inactivity prior to upgrades or changes, and new users can perform tests without affecting system operation.

ON-THE-SPOT NETWORK ASSESSMENTS

The LANMASTER data clamp lets you monitor and record traffic patterns on an instantaneous, average or peak basis, and can log activity versus time at intervals ranging from 12 minutes to 24 hours. Network safety is yours at all times, with the data clamp's advanced warning system. An audible tone sounds whenever the traffic threshold is exceeded, and a five-point index indicates the probability of collisions occurring within a network segment.

THE ONE THAT'S ALL YOU NEED

System administrators and technicians will manage and maintain their systems more quickly and effectively with this portable, handheld unit. It even spots "no packet" conditions that even the most expensive software can't. So, when it comes to at-a-glance system diagnosis, there's nothing like the LANMASTER data clamp.

The standard LANMASTER data clamp model 100 comes as described. The model 100RS adds an RS232 interface and exclusive DataManager software for data downloading to a personal computer or other user terminal.

OPERATING MODES

Traffic Mode

Delivers real-time network statistics including instantaneous, average and peak utilization. Provide bandwidth information for system planning and resource allocation.



Log Mode

Records and graphically presents network loading over time. Provides unattended traffic level logging from 12 minutes to 24 hours.



Specifications

Physical Characteristics

Dimensions: 6.9 in. x 2.9 in. x 1.1 in.
175 mm x 74 mm x 28 mm
Weight: 8.1 ounces
0.23 kilograms

Power Supply

Two AA alkaline batteries
AC adapter for extended operation

Environment

Operating Temperature: 0° to 50° C
Storage Temperature: -10° to 55° C
Humidity: 10% to 90% (operation)
5% to 95% (storage)

User Interface

110 x 32 graphic LCD display
10 LED indicators
Audible status monitor

Network Types

Ethernet/10 Base-T
4 Mbs Token Ring
16 Mbs Token Ring
EtherTalk

Cable Types

UTP/STP/Coaxial
Maximum Diameter: 0.34 in.
8.6 mm

Models

LANMASTER 100 Data Clamp, P/N 25600-001
LANMASTER 100RS Data Clamp with RS232
interface and DataManager software, P/N 25600-002

Test Equipment Depot
99 Washington Street
Melrose, MA 02176-6024

www.testequipmentdepot.com
800-517-8431
781-665-0780 FAX