Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can all us for FREE!

TMG Corporate Website   **TMG Products Website**

Click-to-Call
TMG Now

Level 4
Disposal

Disposal

Review & Renew

Level 5
Review & Renew

Level 3
Repair

Repair

Level 2
Calibration

Calibration

Recycled

Level 1
Acquisition

Acquisition

Purchase
Lease
Rent

Solution Centre

Product Lifecycle Management System

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Form 080/01

NATA   CERTIFIED MANAGEMENT SYSTEM   AIDN

The NIC Plus

Scalable solution for testing multi-protocol communications networks.

The Digital Lightwave NIC Plus® Network Information Computer® is the most compact and cost-effective diagnostic platform for next-generation communications networks on the market. The NIC Plus provides a wide range of innovative test and measurement capabilities for both telecom and datacom applications.

NIC Plus Highlights:

- Telecom applications—PDH, T-Carrier, SONET/SDH, OTN (OTU 1 & OTU 2), GFP, VCAT/LCAS

- Jitter and Wander applications—optical (to 10 Gbps), electrical (PDH & T-Carrier)

- Datacom applications—Ethernet (10 Mbps, 100 Mbps, 1 GigE, 10 GigE), ATM, PoS

- Intuitive user interface minimizes training time

- Ten test modules (and growing) available to suit your exact test needs

- 24-hour Digital Lightwave technical support

With a flexible software/firmware-based architecture, the scalable NIC Plus combines in a single platform the multitude of traditional hardware-based test sets required to install, maintain, and monitor emerging networks. The NIC Plus is designed to grow as these networks grow, and as technologies evolve.
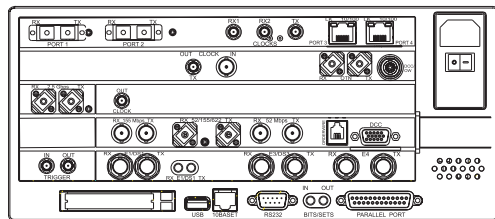
Digital Lightwave®

NIC Plus Network Information Computer

The NIC Plus

Features:

- 12.1-inch active matrix color display with touch screen
- Dual slot PCMCIA interface
- Graphical remote control with Ethernet and 802.11b wireless interface
- Password controlled user access
- 512 user accounts with permission levels
- Software/firmware upgradeable via web
- SCPI over GPIB, TCP/IP, or RS-232c
- Printing capability
- Save and recall of results and setups
- Graphical switch matrix
- Graphical results
- Available in over 50 configurations
- Multiple slots for future expansion
- USB mouse support

Available Testing Configurations:

- PDH/T-Carrier—1.5 Mbps, 2 Mbps, 34 Mbps, 45 Mbps, 139 Mbps
- SDH/SONET—51 Mbps, 155 Mbps, 622 Mbps, 2.4 Gbps, 10 Gbps
- OTN—2.67 Gbps OTU 1, 10.7 Gbps OTU 2
- Forward Error Correction
- 1310 nm, 1550 nm or switchable laser options
- Packer over SONET/SDH (PoS)
- OC-192/STM-64 to STS-1/STM-0 mapping
- Ethernet testing—10 Mbps, 100 Mbps, 1 GigE, 10 GigE
- Multi-port Ethernet—eight electrical ports at 10/100/1000 Mbps, four optical ports at 1 Gpbs
- VLAN tagging and RFC 2544
- Jitter and Wander testing
- ATM with AAL0, AAL1, AAL5, PVC/SVC, OAM, QoS measurements, HEC error generation
- RS530/RS449 interface testing

13.7"
348 mm

13.0" / 330 mm

7.9" / 201 mm

Example Connector Panel

General Specifications

Operating Temperature: 0° to 40° C @ 85% RH
Storage Temperature: -20° to 60° C @ 95% RH
Power Requirements: 100-240 V AC, 50-60 Hz
Weight: 14.5 lb / 6.6 kg - 25 lb / 11.3 kg, depending on configuration

Auxiliary Interfaces

RS-232: DB-9
Parallel Printer Port: DB-25
Mouse Interface: USB
Input/Output Trigger: SMA

BITS/SETS Clock In: Bantam
BITS/SETS Clock Out: Bantam
PCMCIA: Dual Type II
         or Single Type III
Ethernet: RJ-45

Specifications are subject to change without notice.

NICPLUS 2-2005