IDEAL INDUSTRIES NETWORKS

IDEAL®



Troubleshooting of Passive Cabling and Active Networks

Touch 'n' Test User Interface

Copper, Fibre and WiFi Test Ports

- **Advanced Wiremapping**
- **PoE / PoE+ testing**
- **Network analysis**
- **LAN statistics**
- **SM / MM Fibre support**
- **LAN testing via Wireless**

LanXPLORER PRO

In-Line Network Tester

LanXPLORER PRO is an outstanding In-Line Active and Passive network tester from IDEAL INDUSTRIES Networks. It offers unsurpassed test capability for Local Area Network management with state-of-the-art touchscreen interface and large clear colour display. LanXPLORER PRO is a high quality, powerful, convenient and easy to use tester unrivalled by any other product available today.

With full In-Line and Endpoint test capabilities, LanXPLORER PRO tests not only copper cables but also active LAN connections over copper and fibre links. In addition, it liberates the user from cables by allowing most tests to be conducted through a wireless connection offering unparalleled flexibility. With such comprehensive test capability and ease of use, LanXPLORER PRO is the perfect tool to meet the needs of professional IT installers and systems administrators in any enterprise, campus or industrial Ethernet environment.



www.lanxplorer.co.uk

IDEAL INDUSTRIES NETWORKS

LanXPLORER PRO

Comprehensive Testing Capability

The LanXPLORER PRO is the most comprehensive network tester on the market with extensive test capability in Copper and Fibre.



Network Tests over Copper & Fibre

- Identification of active devices with Network Discovery function
- Comparison of active network devices against historical data with Network Verify
- DHCP client, Ping and Traceroute tests with VLAN support
- Full bandwidth Layer 1,2,and 3 Loopback device
- Diagnostic statistics including Top Ten talkers, protocols, error generators and packet size distribution

Copper Features

- Best-in-class Wiremapper - tests cables by pin as well as by pair with split pair detection and length measurement
- Wire tracing function in combination with an Amplifier Probe*
- Detection of PoE and PoE+, with voltage, current and power measurements in endpoint and In-Line modes
- Hub blink test with colour-switching on supported devices
- 10/100/1000 BASE-T support
- Network monitoring with In-Line tests and PC diagnosis function
- Monitoring of VoIP calls and quality, including RTP Jitter

Optical Fibre Features

- Singlemode and Multimode SFP options*
- 1000 BASE-SX, LX and ZX support*
- Hub blink

WiFi Features

- Identification of active network devices with Network Discovery function
- Comparison of active network devices against historical data with Network Verify
- DHCP client, Ping and Traceroute tests with VLAN support
- 802.11 b,g and n support
- Identification of access points, Service Set Identifiers (SSID), channels in use, signal strength and security settings
- Detection of channel conflicts

** Optional - see back page for details*

Two other products exist in the LanXPLORER family:

- LanXPLORER – Standard model
- LanXPLORER PLUS – Standard model plus WiFi

LanXPLORER PRO

Simplicity of Use

The LanXPLORER PRO redefines 'Simplicity of Use'. Through its state of the art QVGA 3 ½" Colour Touchscreen display, the LanXPLORER PRO replaces the complex menu navigation of existing products with a revolutionary Touch 'n' Test system. Testing with LanXPLORER is simple and fast. Results are easy to interpret through its high resolution graphic display.

Touch 'n' Test



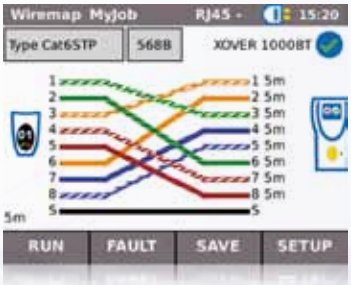
Touchscreen menu navigation allows tests to be completed within three steps

Virtual Keyboard



Virtual Keyboard allows easier and much faster data inputs

High Definition



Crystal clear graphical interpretation of results like Wiremap through large 3 ½" QVGA colour display

LanXPLORER PRO
In-Line Network Tester



WiFi

WiFi port provides wireless access to LANs for testing

SFP Fibre Slot

Fibre test capability

Multifunction Softkeys

For easy menu navigation

Autotest

AUTO

Pre-programmable function allows fast and easy testing of common applications

Cursor Keys

Alternative navigation method according to user preference

Rubber Moulded Housings

Ergonomically designed rubber housings offering both comfortable feel and robust design

USB Interface & Internal Memory

Internal memory for up to 100 tests in XML format. Job manager for efficient organization of results. Data exportable to PC via USB flash drive

QVGA 3 ½" Colour Touch Screen

Large colour display makes easy interpretation of graphical results plus Touchscreen offers very easy menu navigation

RJ45 Connection

For testing copper connections

Exchangeable RJ45 Inserts

Allows easy and cheap replacement of RJ45 sockets

In-Line Test

Full In-Line Test capability over Copper

Mains Charger Input

Tester can operate from replaceable dry cells, mains supply or on board rechargeable long-runtime battery

LanXPLORER Range

Functions	LanXPLORER	LanXPLORER PLUS	LanXPLORER PRO
Advanced Wiremap and Wire Trace	✓	✓	✓
PoE / PoE+ testing	✓	✓	✓
Network Discovery	✓	✓	✓
Network Verify	✓	✓	✓
DHCP, Ping, Traceroute, VLAN	✓	✓	✓
Endpoint LAN Testing over Copper	✓	✓	✓
LAN Testing over WiFi		✓	✓
In-Line LAN Testing over Copper with VoIP Monitor, PC Diagnostics and PoE / PoE+ load test			✓
Loopback Mode			✓
LAN Testing over Optical Fibre			✓
Touchscreen			✓

For full functionality range please see separate specification sheet.

IDEAL INDUSTRIES NETWORKS

Ordering Information

Part Number	Description
150002	***LanXPLORER*** Delivery Content: 1 x LanXPLORER Test Unit, 1 x Remote Unit #1, 6 x AA Dry Cell Batteries (non-rechargeable), 2 x Patch Cables, 30cm, Cat. 5e STP, 1 x Manual on CD, 1 x Quick Reference Guide, 1 x Carrying Case
150003	***LanXPLORER*** *– PREMIUM Package* *Delivery Content:* 1 x LanXPLORER Test Unit, 1 x Remote Unit #1, 1 x NiMH Battery Pack, 2 x Patch Cables, 30cm, Cat. 5e STP, 1 x Power Supply w EU/UK adaptor, 1 x IDEAL Amplifier Probe 62-164, 1 x Manual on CD, 1 x Quick Reference Guide, 1 x Carrying Case, 1 x RJ45 Insert Extraction Tool , 10 x Lifejack RJ45 Inserts
150004	***LanXPLORER*** *PLUS* *Delivery Content:* 1 x LanXPLORER PLUS Test Unit, 1 x Remote Unit #1, 6 x AA Dry Cell Batteries (non-rechargeable), 2 x Patch Cables, 30cm, Cat. 5e STP, 1 x Manual on CD, 1 x Quick Reference Guide, 1 x Carrying Case
150005	***LanXPLORER*** *PLUS – PREMIUM Package* *Delivery Content:* 1 x LanXPLORER PLUS Test Unit, 1 x Remote Unit #1, 1 x NiMH Battery Pack, 2 x Patch Cables, 30cm, Cat. 5e STP, 1 x Power Supply w EU/UK adaptor, 1 x IDEAL Amplifier Probe 62-164, 1 x Manual on CD, 1 x Quick Reference Guide, 1 x Carrying Case, 1 x RJ45 Insert Extraction Tool , 10 x Lifejack RJ45 Inserts
150000	***LanXPLORER*** *PRO* *Delivery Content:* 1 x LanXPLORER PRO Test Unit, 1 x Remote Unit #1, 6 x AA Dry Cell Batteries (non-rechargeable), 2 x Patch Cables, 30cm, Cat. 5e STP, 1 x Manual on CD, 1 xQuick Reference Guide, 1 x Carrying Case
150001	***LanXPLORER*** *PRO – PREMIUM Package* *Delivery Content:* 1 x LanXPLORER PRO Test Unit, 1 x Remote Unit #1, 1 x NiMH Battery Pack, 2 x Patch Cables, 30cm, Cat. 5e STP, 1 x Power Supply w EU/UK adaptor, 1 x IDEAL Amplifier Probe 62-164, 1 x Manual on CD, 1 x Quick Reference Guide, 1 x Carrying Case, 1 x RJ45 Insert Extraction Tool , 10 x Lifejack RJ45 Inserts

Optional Accessories

Part Number	Description
150054	1 x Active Remote # 1
150050	Active Remote set # 2 – 12
150053	1 x NiMH Battery Pack
150055	2 x Patch Cables, 30cm, Cat. 5e STP
150052	1 x Power Supply w EU/UK adaptor
3010-12-0097	1 x Hanging Strap Set
150058	1 x RJ45 Insert Extraction Tool, 10 x Lifejack RJ45 Inserts
MGKSX1	1000BASE-SX Fibre Kit. Includes 850nm SFP (Small Form factor Pluggable) SX transceiver, LC/LC and LC/SC duplex multimode cables and SC/SC duplex adaptor
MGKLX2	1000BASE-LX Fibre Kit. Includes 1310nm SFP (Small Form factor Pluggable) LX transceiver, LC/LC and LC/SC duplex singlemode cables and SC/SC duplex adaptor
MGKZX3	1000BASE-ZX Fibre Kit. Includes 1550nm SFP (Small Form factor Pluggable) ZX transceiver, LC/LC and LC/SC duplex singlemode cables and SC/SC duplex adaptor
62-164	1 x IDEAL Amplifier Probe
33-963-10	1 x Fibre Tip Pen Cleaner
33-963-11	1 x Fibre Tip Pen Cleaner
150056	Optical fibre multimode 2m duplex cable with LC-LC connectors
150057	Optical fibre single-mode 2m duplex cable with LC-LC connectors
150059	Active Remote set #2 to #6



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Publication No.: 150804 Rev. 1

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Printed in Germany

Technical specifications are subject to change without notice.