

LanXPLOER PRO

Test active LAN connections over copper, fibre* and Wi-Fi.



* Optional SFP optical transceiver required to test fibre optic links.

FEATURES

- » Intuitive operation via a full-colour 3 1/2" touchscreen display.
- » Performs network tests over copper, fibre* or Wi-Fi links.
- » Support of 10/100/1000 Ethernet.
- » Inline tests and PC diagnostics through dual RJ-45 copper ports (top talkers, protocols, packet size distribution etc...).
- » Identifies active devices on the network which can be compared with historical data.
- » DHCP client, variable Ping and Traceroute tests with VLAN support.
- » Monitoring of VoIP calls and quality, including RTP jitter.
- » Detection of PoE and PoE+ with voltage, current, power and load tests.
- » Best in class wiremapper capable of testing by pin with cable length measurement.
- » Full bandwidth Layer 1, 2 and 3 Loopback device.
- » Wire tracing function in combination with an Amplifier Probe.
- » Field replaceable RJ-45 inserts.
- » Internal memory with data download to PC.

* Optional SFP optical transceiver required to test fibre optic links.



LanXPLORER PRO in use

OVERVIEW

LanXPLORER PRO is the first handheld network maintenance and troubleshooting tool capable of testing active LAN connections over both copper and fibre*. Most tests can also be performed through a Wi-Fi connection liberating the user from having to make a physical connection to the network.

Packed with features designed to quickly identify and isolate device-to-network connectivity problems in any enterprise, campus or industrial Ethernet environment. The powerful Net Map/Net Verify function compares a previously stored network device list against the current device list making any changes to the network instantly identifiable. The inline Gigabit mode allows users to non-intrusively monitor network traffic including VoIP calls, run PC diagnostics, verify connection speed, protocols, PoE/PoE+ and much more.

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 - test cables by pin as well as by pair with split pair detection and length measurement.
- Wire tracing function in combination with an Amplifier Probe.

TECH SPECS

Number of ports — (2) Copper, (1) Fibre, (1) Wi-Fi
Dimensions — 20.5(H) x 9.8(W) x 4.5(D) cm
Weight — Unit: 0.65 kg (including batteries)
Batteries — 150000: (6) AA Alkaline; 150001: NiMH (battery pack)
Operating time with rechargeable batteries — 4 hours under normal operating conditions
Charging time — 8 hours in instrument
Operating Temperature — 0 to 40°C (use only when instrument temperature is close to ambient temperature)
Storage Temperature — -20 to +70°C
Relative Humidity — 5 to 90%, non-condensing

- 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.
- 10/100/1000BASE-T Support.
- Network monitoring with In-Line tests and PC diagnosis function.
- Monitoring of VoIP calls and quality, including RTP jitter.

Optical Fibre Features

- Single-Mode and Multimode SFP options.
- 1000BASE-SX, LX and ZX support.
- Hub blink.

Wi-Fi 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.

Item	Code
LanXPLORER PRO	150000
◆ (1) LanXPLORER PRO, (1) Remote Unit, (6) AA Dry Cell Batteries, (2) Patch Cables (30cm CAT5e STP), (1) Manual on CD, (1) Quick Reference Guide, (1) Carrying Case.	
LanXPLORER PRO PREMIUM	150001
◆ (1) LanXPLORER PRO, (1) Remote Unit, (1) NiMH Battery Pack, (2) Patch Cables (30cm CAT5e STP), (1) Power Supply w EU/UK adapter, (1) Amplifier Probe, (1) Manual on CD, (1) Quick Reference Guide, (1) Carrying Case.	
To test fibre with the LanXPLORER PRO, order...	
Fibre SFPs	
850 nm MM SFP Module	MGKSX1
1300 nm MM SFP Module	MGK LX2
1550 nm SM SFP Module	MGK ZX3