LINK**X**PERT
TP

The multitool for easy testing of twisted pair LAN networks

LinkXpert TP offers extensive passive and active link test and network diagnostic capabilities for copper-based Ethernet networks.

LinkXpert TP is the ideal companion for the installation and troubleshooting of copper networks up to their documentation. Both in SOHO (Small Office, Home Office) environments and in industrial applications. The device offers a unique combination of cable testing and comprehensive Ethernet network diagnostics to help users solve day-to-day problems and keep business up and running around the clock.

For network commissioning, LinkXpert TP can run automatic tests that can be configured individually. For troubleshooting, all tests can also be run individually.

FEATURES

- Optimized for passive and active copper tests up to 1Gb/s Ethernet

- Individual test scenarios through easily configurable test profiles

- Load tests up to High Power PoE++ (90W / Class 8)

- Easy to use - clear user interface with large 5¼" touch display

- Comprehensive documentation options (also via PC software*)

- Entry-level model with outstanding price/performance ratio

*planned for 2024

ORDERING INFORMATION

Article number	226103

LinkXpert TP
Scope of delivery: 1 LinkXpert TP main unit with integrated Li-Ion battery, 1 Smart Remote (#1), 1 power supply, 1 carrying case, 2 RJ45 patch cables, 1 quick start guide
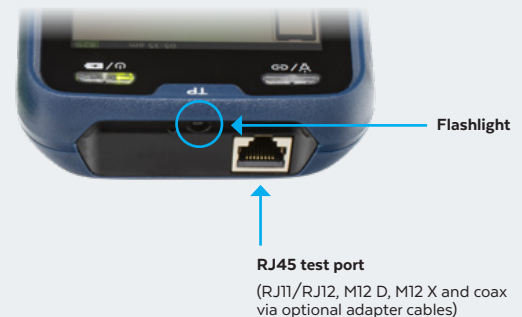
IT Networks

TECHNICAL SPECIFICATIONS

Copper cable and network tests	Wiremap, length, tone generator, PoE++ load test, link speed detection, switch port LED activation, DHCP, DNS, ping, traceroute, network discovery, duplicate address scanner, LLDP, CDP, VLAN discovery/use, MAC spoofing
Display	5¼" TFT touchscreen
Dimensions	160 x 93 x 33mm
Weight	400g (incl. battery)
Rechargeable battery	7.2V Li-Ion 3.12Ah , internal, not user replaceable
Battery life	up to 8 hrs for Wiremap test
Power supply (device)	12V DC, 2.5A, circular connector, Center Plus
External power supply	AC 100-240V / DC 12V, 3A , EURO, UK and US connection
Voltage protection	60V DC, 55V AC
Operating temperature	-10 to 50°C
Storage temperature	-20 to 60°C
Humidity	10% to 80%, non-condensing
Copper cabling	• Twisted pair, RJ45 connector • Coax, F-connector (with optional accessories) • Adapter cables for other connectors such as M12 D, M12 X, IX available as accessories
Ethernet	10Mb/s, 100Mb/s, 1000Mb/s
PoE	IEEE 802.3af, IEEE 802.3at up to class 8, 90W
Ports	• RJ45 • RJ11/RJ12, M12 D, M12 X and coax via optional adapter cables • USB-A Port
Tone generator	Integrated, configurable for twisted pair and coax cabling
Flashlight	Integrated, white LED

KITS AND ACCESSORIES

Installer Kit   226105

1 adapter RJ45 > coax F jack, 2 adapters RJ45 > RJ11, 7 wiremap smart remotes (#2-#8), 20coax port identifiers (#1-#20), 24 RJ45 port identifiers (#1-#24), 2 coax F-adapters (female > female), 1 coupler BNC female > F female, 1 coax cable 0.5m (F male > F male), 7 test cables 0.5m (RJ45 – RJ45), 1 test cable (RJ45 > 2 alligator clips), 1 CP15 - Cable Probe (sound receiver), 1 carrying bag

Industrial Kit   226107

7 Wiremap Smart Remotes (#2-#8), 24 RJ45 port identifiers (#1-#24), 7 test cables 0.5m (RJ45 - RJ45), 1 test cable (RJ45 > 2 alligator clips), 1 CP15 - Cable Probe (sound receiver), 2 test cables RJ45 > pre-Link®, 2 M12 D-sockets for pre-Link®, 2 xM12 D connectors for pre-Link®, 2 M12 X sockets for pre-Link®, 2 M12 X connectors for pre-Link®, 1 carrying bag

Set with Smart Remotes #2-8   226192

Smart Remote #1   226192-1

LinkXpert TP ports

Flashlight

RJ45 test port
(RJ11/RJ12, M12 D, M12 X and coax via optional adapter cables)

You can find additional accessory offers on our website, or contact us:

itnetworks.softing.com/contact

For more information please contact:

HEADQUARTERS

Softing IT Networks GmbH
Richard-Reitzner-Allee 6
85540 Haar, Germany

+49 89 45 656 660
info.itnetworks@softing.com
itnetworks.softing.com

itnetworks.softing.com/LinkXpert-TP