



# 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

## 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 connection cables, 1 quick start guide



## 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
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	<ul style="list-style-type: none"> <li>Twisted pair, RJ45 connector</li> <li>Coax, F-connector (with optional accessories)</li> <li>Adapter cables for other connectors such as M12 D, M12 X, IX available as accessories</li> </ul>
Ethernet	10Mb/s, 100Mb/s, 1000Mb/s
PoE	IEEE 802.3af, IEEE 802.3at up to class 8, 90W
Ports	<ul style="list-style-type: none"> <li>RJ45</li> <li>RJ11/RJ12, M12 D, M12 X and coax via optional adapter cables</li> <li>USB-A Port</li> </ul>
Tone generator	Integrated, configurable for twisted pair and coax cabling
Flashlight	Integrated, white LED

## KITS AND ACCESSORIES

<b>Installer Kit</b>	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	
<b>Industrial Kit</b>	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	
<b>Set with Smart Remotes #2-8</b>	226192
<b>Smart Remote #1</b>	226192-1

### LinkXpert TP ports



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

[itnetworks.softing.com/contact](http://itnetworks.softing.com/contact)

For more information please contact:

©2022 Softing IT Networks GmbH. In line with our policy of continuous improvement and feature enhancement, product specifications are subject to change without notice. Subject to errors and alterations. All rights reserved. Softing and the Softing logo are trademarks of Softing AG. LinkXpert and the LinkXpert logo are trademarks of Softing IT Networks GmbH. All other cited trademarks, product and company names or logos are the sole property of their respective owners.

## HEADQUARTERS

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

+49 89 45 656 660  
info.itnetworks@softing.com  
[itnetworks.softing.com](http://itnetworks.softing.com)