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LINKXPERT M3

The 3 media multitool for easy testing of LAN networks

From SOHO to enterprise networks, today's networks become increasingly complex with a variety of different devices, remote powering and media. A hand-held network multitool is essential to master those modern networks.

LinkXpert M3 is a versatile cabling and network trobleshooter that helps solving network issues from cabling up to complex Ethernet related problems.

With connectivity to all 3 media, copper, fiber and Wi-Fi, LinkXpert M3 is perfect for diagnosing any common LAN Ethernet media. The device offers a unique combination of cabling tests and extensive ethernet network diagnosis on copper, fiber and Wi-Fi to help users solving daily network issues and keep it up and running 24/7.

For commissioning networks, LinkXpert can run automated tests that can be configured by the user. For example if new PoE switches had been rolled out, LinkXpert can be configured to just test PoE up to 90W and obtain port information like LLDP. For troubleshooting, users can also run all tests individually, e. g. just use the optional video microscope to inspect fiber optic connectors.

FEATURES

- Extensive network diagnosis for network commissioning and maintenance on all 3 media (copper, fiber and Wi-Fi) in a hand held device
- Future proof performance with 10 Gb/s and PoE++ (90 W / class 8)
- Automated PASS/FAIL certification of fiber optic connector end-faces with Softing fiber microscope (optional accessory)
- Fiber optic polarity check with visual fault locator
- Comprehensive documentation capabilities, internal PDF generator

ORDERING INFORMATION

Article number	226104

LinkXpert M3

Scope of delivery: 1 LinkXpert M3 main unit with integrated Li-Ion battery, 1 Smart Remote (#1), 1 power supply, 1 Wi-Fi stick, 1 carrying case, 2 RJ45 patch cables, 1 quick start guide

SCAN ME

IT Networks

itnetworks.softing.com/LinkXpert-M3

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TECHNICAL SPECIFICATIONS

Copper cable and network tests	Wiremap, length, tone generator, PoE++ load test, Link Speed, Link Light Blink, DHCP, DNS, ping, traceroute, network discovery, duplicate address scanner, LLDP, CDP, VLAN, MAC spoofing
Fiber cable and network tests	Red light laser, SFP transmit and receive power levels, Link Speed, Link Light Blink, DHCP, DNS, ping, traceroute, network discovery, duplicate address scanner, LLDP, CDP, VLAN, MAC spoofing
Wireless LAN network tests	Access point scanner, Link Speed, Link Light Blink, DHCP, DNS, ping, traceroute, network discovery, duplicate address scanner, LLDP, CDP, VLAN, MAC spoofing
Screen	5 1/4" TFT touch screen
Dimensions	160 x 93 x 33 mm
Weight	400 g (incl. internal battery)
Rechargeable Battery	7.2 V Li-Ion 3.12Ah, internal, not user changeable
Battery life	up to 8 hrs for Wiremap test
Power supply (device)	12 V DC, 2.5 A, round connector, center plus
External power supply	AC 100-240 V / DC 12 V, 3 A , EURO, UK and US connector
Voltage protection	60 V DC, 55 V AC
Operating temperature	-10 to 50 °C
Storage temperature	-20 to 60 °C
Humidity	10 % to 80 %, non-condensing
Copper cabling	• Twister pair, RJ45 connector • Coax, F connector (with optional accessory) • Adapter cables for more connectors like M12 D, M12 X, IX available as accessory
Ethernet	10 Mb/s, 100 Mb/s, 1000 Mb/s, 10 Gb/s (only recognition at copper cables)
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 • Multimode and single-mode fiber optic cabling via optional 1 Gb/s SFP modules • 802.11ac Wi-Fi via USB Wi-Fi adapter • VFL port (universal 2.5 mm)
Tone generator	Integrated, configurable for twisted pair and coax cabling
Flashlight	Integrated, white LED
Fiber optic cabling	via SFP modul, multimode and singlemode, LC connector
Fiber optic microscope	IEC 61300-3-35
Red light source	625 nm, class 2, <1 mW
SFP Bay	Multimode and singlemode modules up to 1 Gb/s
Wi-Fi	IEEE 802.11.ac (with external USB stick)

KITS AND ACCESSORIES

Installer Kit	226105
1 adapter RJ45 > coax F jack, 2 adapters RJ45 > RJ11, 7 wiremap smart remotes (#2-#8), 20 coax 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	
Professional Kit	226106
1 Installer Kit (226105) + **1 Fiber Kit** (226108)	
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	
Fiber Optic Kit	226108
1 OM4 testcable LC-LC duplex, 1 OS2 testcable LC-LC duplex, 1 SFP 1Gb/s MM 850nm, 1 SFP 1Gb/s SM 1310nm, 1 LC clickcleaner, 1 carrying bag	
Set with Smart Remotes #2-8	226192
Smart Remote #1	226192-1

LinkXpert M3 ports

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

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For more information please contact:

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