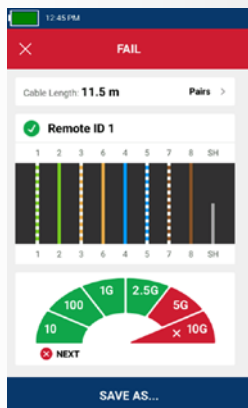# LinkIQ™ LinkIQ™-IE

Cable+Network Tester for ICT and Industrial Networks

The LinkIQ™ Network+Cable Tester is designed to provide trusted cable testing along with network testing professionals need to do their jobs. LinkIQ™ validates cable performance (up to 10 Gig) using frequency-based measurements and provides distance to fault information along with a wire map of the cable under test. The LinkIQ™ also provides IPv4 and v6 ping; nearest switch diagnostics (IP address, name, port / VLAN number, and advertised data rates); Ethernet Alliance certified Power over Ethernet testing (hardware / software negotiation and loaded voltage and power tests). Additional features include, Analog and Digital Toning, Port Blink, Remote Office Locators, and the ability to manage results via LinkWare™ PC.
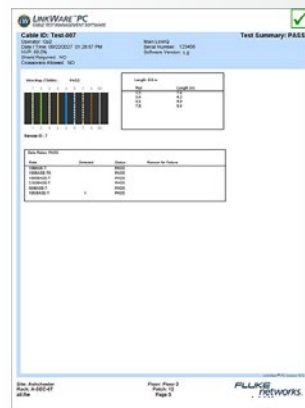
- Measure network cabling capacity up to 10 Gig via frequency-based measurements
- Network tests including: IPv4 and v6 ping, nearest switch diagnostics (IP address, name, port / VLAN number, and advertised data rates)
- Ethernet Alliance certified PoE Verification– detects the PoE class (1-8) and power, and performs a load test of available PoE from the connected switch
- Graphical wire map and length test to identify common faults that occur with cabling installation
- Document work with internal storage of 1,000 results, extended ASCII keyboard and LinkWare™ PC reporting
- Supports all Industrial Ethernet cabling (EtherNet/IP, PROFINET, EtherCAT, and others)
- Industrial Ethernet model supports Industrial Connectors (M8D, M12D, M12X)

EA Certified 2.0™

Cable test with remote attached shows remote ID number 1, length and pairing of each wire and cable performance of up to 2.5 Gb/s but failed the test due to a user-set limit of 10 Gb/s performance.

Switch port test shows switch name and IP address, connected port, and VLAN along with advertised speed and duplex settings. If a ping test is configured, the target address and average response time are shown. Scrolling down displays Power over Ethernet results.

Use LinkWare PC to generate PDF test reports.

Cable Testing You Trust. Network Testing You Need.

LIQ-100 includes LinkIQ™ with remote ID #1, RJ45-RJ45 patch cord, AC charger, RJ45/11 universal coupler, and carrying case.

LinkIQ Advanced Kit includes LinkIQ™ with remote IDs #1-7, RJ45-RJ45 patch cord, AC charger, RJ45/11 universal coupler, IntelliTone™ Pro 200 probe and duffle bag carrying case.

Solve the #1 Cause of Industrial Ethernet Failures.

LinkIQ™ Industrial Ethernet Cable+Network Tester includes Multi-Connector Adapter with magnetic strap, RJ45 Remote-ID #1, Quick Reference Guide, USB-C to USB-A cable, charging cable, Cat6A patch cord, RJ45 male to RJ45 female patch cord, RJ45/M12X patch cord, RJ45/M12D patch cord, RJ45/M8D patch cord, RJ45/11 Modular Adapter, Hanging strap with Remote ID holder, and duffle bag.

LinkIQ™ Industrial Ethernet Cable+Network Tester Multi-Connector Adapter with magnetic strap, RJ45 Remote-IDs #1-7 with case, IntelliTone™ Probe, Quick Reference Guide, USB-C to USB-A cable, charging cable, Cat6A patch cord, RJ45 male to RJ45 female patch cord, RJ45/M12X patch cord, RJ45/M12D patch cord, RJ45/M8D patch cord, RJ45/11 Modular Adapter, hanging strap with Remote ID holder, and duffle bag.

Model Numbers	
LIQ-100	LinkIQ™ Cable+Network Tester
LIQ-KIT	LinkIQ™ Cable+Network Advanced Kit
LIQ-100-IE	LinkIQ™ Cable+Network Industrial Ethernet Kit
LIQ-KIT-IE	LinkIQ™ Cable+Network Advanced Industrial Ethernet Kit
REMOTEID-1	Replacement ID for LinkIQ™ Remote ID #1
MS-IE-ADAPTER SET	Industrial Ethernet Adapter set includes Multi-Connector Adapter, Cat6A patch cord, RJ45 male to RJ45 female patch cord , RJ45/M12X patch cord, RJ45/M12D patch cord, RJ45/M8D patch cord for testing of M12X, M12D, M8D terminated cables for the MicroScanner™2, MicroScanner™ PoE, and LinkIQ™
GLD-LIQ	1 Year of Gold Support for LIQ-100 or LIQ-KIT
GLD3-LIQ	3 Years of Gold Support for LIQ-100 or LIQ-KIT
GLD-LIQ-IE	1 Year Gold Support for LIQ-100-IE or LIQ-KIT-IE
GLD-3-LIQ-IE	3 Year Gold Support for LIQ-100-IE or LIQ-KIT-IE