

Active Ethernet LAN Testing

The **KE7200 Ethernet Performance Tester** is the ideal tool for commissioning tests, troubleshooting and documentation in networks with an outstanding price/performance ratio



KE7200



At a glance

- Wire-mapping and precise fault location
- Integrated cable database starting from 1 pair telephone
- Recognition of branches (Bridge Taps) - optional
- Measures cable lengths up to 150 m (TDR)
- Power over Ethernet test according to IEEE802.3af/at/bt standard
- Tests LAN using static IP or DHCP up to 1 Gbit
- List of active LAN devices and continuous ping test
- Master/Remote overvoltage protected up to 100 V AC
- Stores data and print out of test reports



Versatile functions, the large graphical display and intuitive operating enable the user to work efficiently. Long battery life and a rugged housing are the perfect conditions for daily use.

The **KE7200** tests the wires and wire pairs of the cable for continuity, open, short, interchange and overdraft (Split Pair) and simultaneously determines cable length and distance to the fault in short circuit and interruption testing.

With the internal user-configurable cable database, unknown cable and wiring schemes belong to the past. Up to 32 individual remote units can be managed from the **KE7200** simultaneously.

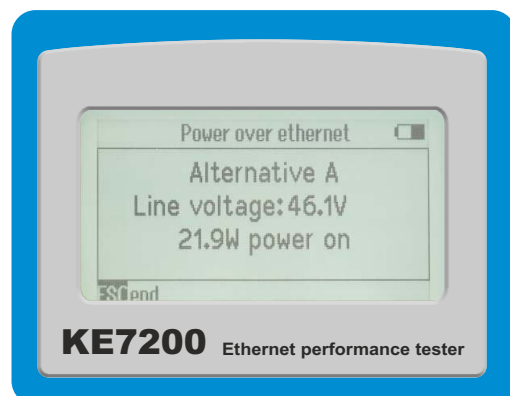
The device checks connections on the availability of Power over Ethernet up to Four-Pair-Power-over-Ethernet 90 watts (PoE, PoE+ and PoE++) and determines the available power.

PoE standard		power for each port	usable power
PoE	IEEE 802.3af	15.4 W	12.95 W
PoE+	IEEE 802.3at	25.4 W	21.90 W
PoE++ / 4PPoE	IEEE 802.3bt	38.7; 52.7; 70 and 90 W	34.8; 47.4; 63 and 81 W

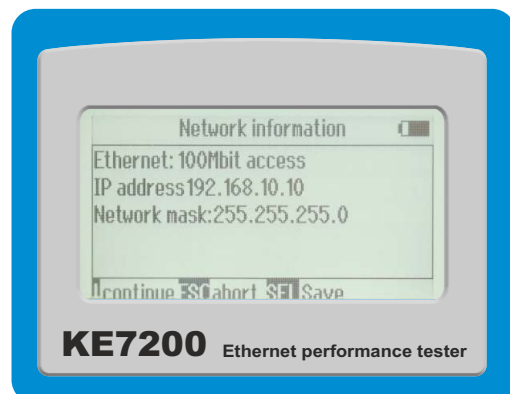
Active network tests such as the speed detection up to 1 GBit/s of the network connection, listing the existing network subscribers with Name, IP and MAC address as well as the configurable ping stress test with detailed statistics, information on the network and possibly faulty components.

Identifying data ports with the port finder function activates the link-LED on the switch and the integrated trace tone signal allows using the optional PROBE310 for cable tracing.

The supplied Ethernet Manager software allows to create measurement reports and to maintain cable tests and network information.



PoE / PoE+ / PoE++ test with determination / display



Detecting the network subscriber



