ARGUS®163 with LAN cabling tests

ARGUS®
testing the telecom network

LAN cabling tests (incl. PoE/PoE+) + network scan

Since All IP is coming, it only makes sense to convert internal building infrastructure (BRI bus) and expand Ethernet-based LAN at the same time. During this conversion, a number of wiring faults errors can be expected e.g:- short-circuits, swapped connections or damaged lengths, whilst widely divergent new, mixed (100, 1000 BT, SFP) and hybrid LAN cabling (BRI, Ethernet) present a formidable technical challenge.

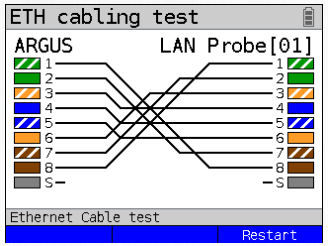
In addition to the Ethernet TDR function (including flashing port LED), which is ideal for determining line lengths, identifying mismatches and other tasks, ARGUS®163 can now be expanded to enable LAN cable tests. This makes it easy to localize all typical cable faults using up to 100 active ARGUS®LAN probes. ARGUS can allocate a unique ID to each LAN probe and communicate with them – even with just two through-connected wires and at distances of up to over 100 m. The wiremap below shows a few examples.

ARGUS®163 can also perform PoE load tests to verify the performance of PoE switches. In future, IP phones and other devices will be powered via PoE. PoE is already widely used today for surveillance cameras, alarm systems and special applications with fallback connections. Depending on the class (0 to 4 or automatic), ARGUS®163 functions as a consumer on the power source device (for example a switch), drawing up to 25.5 watts, to reliably simulate whether a powered device would be adequately supplied and thus ensure the fault-free function of the subsequent end device.

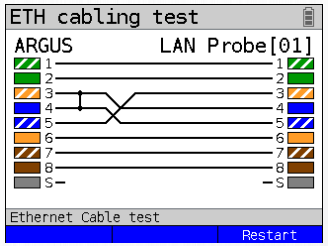
Expand your ARGUS now with LAN cable tests, including 2 ARGUS®LAN Probes and the PoE/PoE+ load test (item no.: 016361).

Also ask about the Ethernet network scan, now also included, which reveals all clients (including IP and MAC address), ports and services in the network at the press of a button.

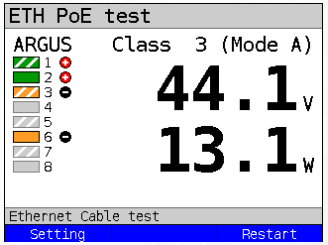
Swapped connection



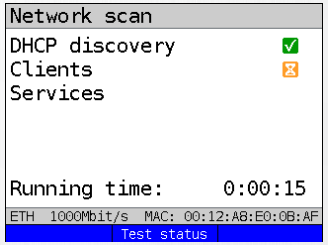
Short-circuit



PoE



Network scan



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