Parameters	Specification
COPPER TESTING	
Certification testing	TIA 568-D.2 Cat 5e, 6, 6A, Cat 8, 1005A, MPTL ISO/IEC 11801 series, EN 50173 Class D, E, EA, Class I and II Permanent Link and Channel, Cat 5e, 6, 6A patch cable
Max cable length for dual-ended Autotest	500m
Insertion cycles	Channel: 10 000 typical, Permanent link: 5000 typical
TEST PARAMETERS	As specified in TIA 1152A, IEC 61935
Wiremap	TIA 568A and 568B, crossover variants
Loop Resistance	0 to 40Ω, ±0.1Ω
Length	0 to 500m, ±0.5m (dual-ended testing)
Propagation Delay and Delay Skew	0 to 5000ns, ±1ns
Attenuation	0 to 70dB, ±0.1dB
Pair-to-Pair and Power-Sum NEXT	0 to 85dB, ±0.2dB
Pair-to-Pair and Power-Sum ACRF	0 to 85dB, ±0.2dB
Return Loss	0 to 40dB, ±0.2dB
ACRN, PSACRN	0 to 85 dB, ±0.5dB
Advanced diagnostics	Time-domain fault Locator for RL and NEXT
Measurement accuracy	Exceeds TIA 1152A Level IIIe, 2G and IEC 61935-1 Level IIIe, IV, V, VI
Measurement frequency range	1 - 500MHz

GENERAL SPECIFICATIONS	
Interfaces	Probe Interface, RJ45 Ethernet, USB host and device, talkset, power jack
Display	5" industrial LCD, touch sensitive area on both units
Enclosure	Ruggedized plastic with rubber over-mold, withstands 1.5m drop test on hard surface
Remote unit abilities	View test results, save tests, start autotest
Power supply	AC 100-240V to 12V, 3A power adapter
Input over-voltage protection	Protected against Telco voltages
Battery	Removable and rechargeable Li-Ion
Battery capacity	>8 hours continuous operation
Internal storage capacity	2000 copper test results with full plot information
External storage	USB Flash Drive
Dimensions	232 x 126 x 87mm (8.7 x 4.3 x 2.1 inch)
Weight	Approx. 1.4kg (3lb)/unit
Supported languages	tw, cs, en, fi, fr, de, it, ja, ko, pl, pt, ru, es, sv, tr
Calibration period	1 year
ENVIRONMENTAL	
Operating temperature	0 to 40°C
Storage temperature	-20 to 60°C
Relative humidity	10% to 80%

MINIMUM SYSTEM REQUIREMENTS FOR REPORTING SOFTWARE	
Microsoft Windows 8/10, 32 or 64 bits	Intel Core i3, 2.4GHz and higher
200MB of free disk space	1GB RAM
Microsoft.NET Framework 4.0	