

CAMI Research Releases 4-Wire Precision Resistance Measurement Converter Board, CB53

Dec 6, 2018

CAMI Research Inc. (Acton, MA), manufacturer of the CableEye® automation-ready cable and harness test system, announces release of the CB53 in the New Year. The CB53 is a special connector motherboard that will convert a top-mounted standard 64-pin connector board test fixture into a 4-wire test fixture. Conversion is valid when the UUT connects directly into the standard board rather than via a flying lead or adapter cable and eliminates the need to otherwise create custom 4-Wire test fixtures. The CB53 fits all CableEye models and is rated for HiPot testing at 800 Vdc, 500 Vac. 4-Wire resistance measurement is available for models M4 and HVX-series CableEye testers.

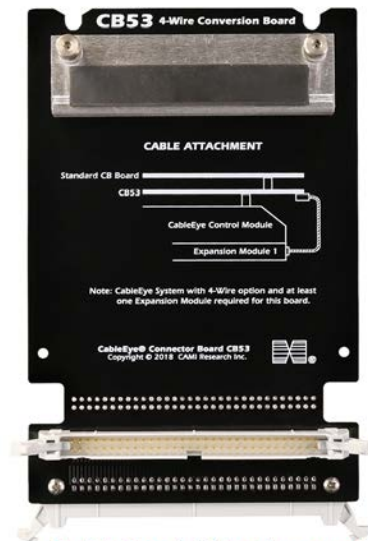
Configuration

A leader in the development of PC-based cable and wire harness test systems, CAMI offers the CableEye suite of products complete with accessories – including auto-detected, plug-in connector boards for fast, convenient set-up and testing of standard cables. There is an extensive and growing stock library of these test fixture boards – most of which are populated with families of connectors, such as the audio market CB19. When pre-populated boards are used, the tester GUI automatically displays a graphic of the connectors and wiring under test. The tester can be readily programmed to do the same for custom boards and fixtures. These boards are designed to fit all CableEye testers.

Sold as a set of two boards, each CB53 accepts any other standard 64-pin-configured board in a stacked configuration. The converter board plugs directly into the 64-pin header of the tester and is sandwiched between the tester and the main connector board. 4-Wire conversion is valid when the UUT connects directly into the main board, rather than via a flying lead or adapter cable. In addition to the latest CableEye software, the CB53 requires a tester with 4-wire measurement capability, a mating connector board, and an expansion module. As with any 4-wire measurement, twice the number of test points is required than for standard 2-wire measurement, therefore an expansion module is necessary. Ribbon cables connect the CB53 to each bank of the expansion module.

Warranty

All connector boards are included in CableEye's standard, renewable one-year warranty of the tester for which it was purchased.



CableEye 4-Wire Conversion Board

Availability & Domestic US Pricing

Available January 2019, a CB53 set is \$255 (Item 783) and requires the latest CableEye software as of Jan 2019, an expansion module, and a tester with 4-Wire measurement capability. The set includes two ribbon cables for connecting to the expansion module.

Contact sales@camiresearch.com or (978) 266-2655 for a quote.

Note: Prices are USA only and subject to exchange rates, freight and import costs. Contact your local **authorized distributor** for local pricing.

CAMI Research produces expandable and upgradable diagnostic Cable & Harness Test Systems for assembly, prototyping, production, and QC of standard or custom cables. CableEye® Testers display, and document basic electrical properties such as continuity, resistance, capacitance, dielectric breakdown, insulation resistance, miswires, and intermittent defects.

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