

CableEye[®] Environmental, EMC, & Safety Specifications

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Click [here](#) for Technical Specifications

To request a catalog, please go to camiresearch.com/get_brochure.html or call (978) 266-2655.

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 (opens, short, miswires, intermittent faults), resistance, capacitance, dielectric breakdown, and insulation resistance. camiresearch.com

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1 Environmental

1.1 Temperature & Humidity

Low Voltage Series		M2U-B, M2U M3U, M3UH, M4
Base models plus expansion modules		
Mode	Temperature	Humidity
Operating	0°C to +45°C	40°C to 45°C, 10% to 60% rel. humidity, non-condensing.
	(+32°F to +113°F)	0°C to 40°C, 5% to 90% rel. humidity, non-condensing.
Non-Operating	-20°C to +60°C	Non-condensing
	(-4°F to +140°F)	

High Voltage Series		HVX, HVX21
Base models plus expansion modules		
Mode	Temperature	Humidity
Operating	0°C to +45°C	30°C to 45°C, 10% to 60% rel. humidity, non-condensing.
	(+32°F to +113°F)	0°C to 30°C, 5% to 70% rel. humidity, non-condensing. Note: humidity higher than the above levels may cause lower than normal insulation resistance readings at HV and increase likelihood of dielectric breakdown.
Non-Operating	-20°C to +60°C	Non-condensing
	(-4°F to +140°F)	



1.2 Dust, Dirt, Conductive Debris

CableEye testers may be used in the field. Debris shields around the 64-pin headers prevent wire clipping conductive debris from falling onto the printed circuit board. However, the case is not hermetically sealed. There are small openings a) between the cover and base, and b) at the connectors on the side and back of tester, where air can flow and dust and dirt can be deposited.

If the tester is not going to be used for extended periods of time, we recommend storing it in a clean environment (a sealed bag is adequate). For long-term storage, we suggest storing it in the packaging in which it was delivered or in one of our transportation cases. For transportation to and from field jobs, we recommend using our Tester Transportation Case ([low voltage series case](#), [low and/or high voltage tester case](#)). Simple regular servicing will also ensure the tester remains free of debris.

For recommendations on operating CableEye safely, see [Protecting Your Cable Tester](#).

Protecting
Your Cable
Tester





2 EMC & Safety

2.1 Electromagnetic Compatibility – CE Mark (all models)

The standards/specifications to which CableEye complies are listed in the **CE Mark:** EU Declaration of Conformity.

2.2 Safety – CE Mark (HVX, HVX-21)

The standards/specifications to which CableEye complies are listed in the **CE Mark:** EU Declaration of Conformity.

