## CableEye® TECHNICAL SPECIFICATIONS

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### Main Unit Test Points
- 128
- 152

### Max Test Points
- 128
- 1024
- 2560
- 1024
- 1024
- 1024
- 512

### Test Time (128 Test Points)
- 0.20 s
- 0.25 s
- 0.15 s
- 0.40 s

### Resistance Thresholds
- 46 kΩ, Fixed
- 0.3 Ω to 10 MΩ
- 0.1 Ω to 5 MΩ
- 0.02 Ω to 6 MΩ

### Resistance Accuracy
- 2% from 10Ω to 100Ω
- 1% from 100Ω to 1 MΩ
- Lesser accuracy over full range.

### Resistance Range
- M3U: 0.3 Ω to 10 MΩ
- M3UH: 0.1 Ω to 5 MΩ
- 20 mΩ ± 20 mΩ
- From 20 mΩ to 15Ω
- Test Current: 3.3 mA

### Capacitance Meas. Rate
- 33 Scans/s
- 26 Scans/s - 128 TPs
- 90 Scans/s - 64 TPs
- 18 Scans/s - 128 TPs
- 47 Scans/s - 64 TPs

### Test Voltage
- 5 V
- 10 V
- 10 V

### Capacitance Meas. Rate
- DC ± 2%, ±1.5 V
- AC: ±4%, ±2 V

### Test Voltage Accuracy
- ±5%

### Capacitance Range
- 0.3 mA
- 1.0 mA
- 3.3 mA

### Max. Test Current
- 10 - 1500 Vdc or
- 10 - 2100 Vdc or
- 10 - 1200 Vac

### Insulation Resistance
- 0.20 s
- 0.25 s
- 0.15 s
- 0.40 s

### Digital I/Os
- 10 MΩ at 10V
- 5 MΩ at 10V
- 6 MΩ at 10V

### Calibration
- 2MΩ - 1 GΩ at 1500 Vdc
- 2MΩ (min) at 1000Vac
- Current Sensitivity: 1μA

### Digital I/Os
- No
- Yes, MiniDIN8 Connector for use with e.g. Footswitch, External Control Panel

### Power Requirements
- 5 Vdc at 300 mA (max)
- 5 Vdc at 128 TPs, 175 Vdc (max) for 512 TPs
- 1500 Vdc or
- 1200 Vdc

### Computer Requirements
- Any Windows-compatible machine running Windows 7 or later. Compatible with touchscreen and laptop PCs.

### USB Interface
- USB 1.1, Fast

### Environmental Spec.

### Warranty
- One year, parts and labor, with free tech support and free software upgrades. Renewable yearly.

## TEST AND MEASUREMENT MATRIX

### Environmental, EMC, and Safety Specifications:

### Test Voltage Accuracy
- ±5%

### Capacitance Range
- 0.3 mA
- 1.0 mA
- 3.3 mA

### Power Requirements
- 5 Vdc at 300 mA (max)
- 5 Vdc at 128 TPs, 175 Vdc (max) for 512 TPs
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