AEM networks

Future Smart.



- **Feature-rich diagnostics.**
- **App-based testing.**

CuBLU

Professional copper testing. At an entry-level price.

CuBLU is built for installers who need more than a basic wiremap tester. Compact, rechargeable and easy to use, it delivers professional field features for everyday copper cable testing, including wiremap fault identification, split-pair detection, remote ID support and tone generation.

Unlike many entry-level testers, CuBLU is designed around practical field value. It offers USB-C rechargeable power, a color TFT display, up to 16 remote IDs, and – on CuBLU II and III – UniBLU app connectivity for saving, documenting and exporting test results. CuBLU II and CuBLU III also provide cable length and resistance measurements, extending their capabilities beyond basic pass/fail testing.

With three models in the range, installers can select the capability they need – from straightforward copper testing to app-based reporting and PoE detection – while keeping the tool simple, portable and cost-effective.

CuBLU	**CuBLU II**	**CuBLU III**
The Essential Model	With App Support	With App Support and PoE

KEY CAPABILITIES AND TECHNICAL FEATURES

Wiremap + Shield Detection
Performs pass/fail wiremap testing across all eight conductors, including shield continuity testing. Identifies the following fault types – open, short, miswire, split pair, crossover, and multiple faults.

Cloud Sync & Collaboration
Synchronize test results to the cloud via the UniBLU app, enabling teams to collaborate seamlessly across multiple sites.

Remote ID + Number Display
Supports up to 16 remote ID units, with each remote's ID displayed for accurate cable identification.

Resistance & Length Testing
Measure cable length up to 120 meters with CuBLU II & III to verify cable runs and identify distance-related issues. DC resistance per pair provides an additional check on cable condition.

App Connectivity & Reporting
CuBLU II and CuBLU III connect to the UniBLU app via Bluetooth. Log, view, and export detailed test reports wirelessly from the field. Provides clear diagrams, pass/fail results and documentation for diverse cable types e.g., RJ11/12, coax and M12.

Tone Generator
Seven selectable tone frequencies help trace cables through bundles or walls. The tester is compatible with standard toner probes.

PoE Detection (CuBLU III with PoE port)
Identify powered Ethernet ports before testing or connecting.

Intelligent Field Design
Color TFT LCD with a battery indicator and automatic power-off. A 2,600 mAh battery delivers up to 45 hours of runtime. Weighing just 197 grams, CuBLU is built for field use.

DOWNLOAD **CuBLU Brochures & Manuals**

DOWNLOAD **UniBLU App (App Store)**

DOWNLOAD **UniBLU App (Google Play)**

TECHNICAL SPECIFICATIONS

Specification	CuBLU	CuBLU II	CuBLU III
Cloud Synchronization	—	Yes	Yes
Wiremap Interface	RJ45 8P8C	RJ45 8P8C	RJ45 8P8C
Wiremap Testing	800 meters	800 meters	800 meters
Wiremap Fault Types	Open, short, miswire, split pair, crossover, and multiple faults	Open, short, miswire, split pair, crossover, and multiple faults	Open, short, miswire, split pair, crossover, and multiple faults
Shield Detection	✓	✓	✓
Cable Length	—	Up to 120 meters	Up to 120 meters
DC Resistance	—	Per pair	Per pair
Loop / Continuous Test	✓	✓	✓
Pass/fail on cable types	RJ45	RJ45, RJ11, RJ12, M12, Coax	RJ45, RJ11, RJ12, M12, Coax
Tone Generator	7 frequencies	7 frequencies	7 frequencies
External Voltage Detection	Up to 60 V DC	Up to 60 V DC	Up to 60 V DC
PoE Detection	—	—	Up to IEEE 802.3bt (up to 90 watts)
Remote IDs	Up to 16	Up to 16	Up to 16
Remote Number Display	✓	✓	✓
Bluetooth	—	✓	✓
App Support (UniBLU)	—	iOS & Android	iOS & Android
Result Reporting	—	Export PDF/CSV reports	Export PDF/CSV reports
Display	Color TFT LCD	Color TFT LCD	Color TFT LCD
Battery Indicator	✓	✓	✓
Auto Power-Off	✓	✓	✓
Battery Capacity	2,600 mAh	2,600 mAh	2,600 mAh
Battery Life	45 hours	45 hours	45 hours
Charge Time	~ 2 hours	~ 2 hours	~ 2 hours
Dimensions (mm)	126 × 74 × 35	126 × 74 × 35	126 × 74 × 35
Weight	197 grams	197 grams	197 grams
Operating Temperature	0 °C to 50 °C	0 °C to 50 °C	0 °C to 50 °C
Storage Temperature	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C

Cable length, DC resistance and PoE results are displayed in the UniBLU app
Never test cables connected to mains power (>60 V DC). CuBLU is designed for low-voltage structured cabling only.

Visit **aemnetworks.com/cublu** for more information