M5900

AML
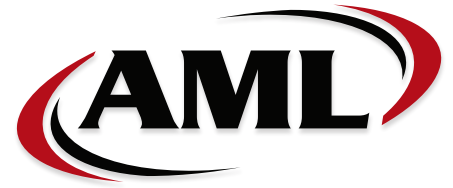
Batch Data Terminal

Big business performance. Small business value.

With big business functionality at a small business price, the AML M5900 portable data terminal can help streamline and improve your business operations, while keeping IT costs low – no matter the size of your business.

Durable, easy to use, and packed with big business functionality, the AML M5900 portable data terminal is an ideal solution for everyday, all day data collection applications – including inventory control, factory floor management, price verification, shipping/receiving, asset tracking and more.

The AML M5900 portable terminal helps **business do more, for less.**

MADE IN **USA**
SINCE 1983 ★★★★★

Applications

Inventory
Stock Control
Shipping/
Factory Floor
Price Verification
Asset Tracking
Receiving

Features	Benefits
Durable, ergonomic design	Built for everyday, all day use.
Graphical 160 x 160 backlit LCD display	Easy to read, even in dimly lit environments. Accommodates 20 lines x 20 characters of text.
High performance 200 MHz ARM9 Processor	Rapid access to large look-up tables or stored data.
SQLite database engine	Powerful handling of data files.
Rechargeable, high capacity 2600 mAh Lithium-Ion battery	Much longer life than conventional batteries. Ensures extended periods of operation w/o interruption.
55-key alphanumeric or 35-key numeric keypad	Multi-functional keypad options support most data collection applications.
On-board Program Generator (OPG)	Create simple applications, right on the M5900, from the Run Program Menu.
Preloaded with six common data collection applications	Easily scan bar codes and collect basic data.
PC-based M5900 Program Generator	Quickly and efficiently create custom applications for the M5900.
Multiple integrated scan engine options, including 2D Imager	Choose the most appropriate bar code scanner for your specific data collection application.
RS232 and USB ports	Simple and easy data upload.

General Specifications

Dimensions	225 mm L x 89 mm W x 57 mm D; 8.875" L x 3.5" W x 2.25" D
Weight	16 oz / 454 g (M5900); 25 oz / 709 g (M5901)
Drop Specifications	5 ft. (1.5m) drop to concrete
Display	Graphical 160 x 160 backlit EL LCD; 20 lines x 20 characters
Battery	Rechargeable 2600 mAh Lithium-Ion
Backup Battery	Rechargeable lithium protects RAM and real-time clock
Keypad	55-key alphanumeric or 35-key numeric keypad
Integrated Barcode Scanners (optional)	Laser; 2D Imager

Performance Specifications

CPU	32 bit, 200 MHz ARM9 Processor
Operating System	Open source, embedded Linux®
Memory	32MB DRAM, 16MB Flash ROM; 10MB available for user programs and data files
Data Communications	Serial RS232 (RJ-45) / Serial Adapter; USB (Type II)

Environmental Specifications

Operating Temp	-10˚ to 50˚ C / 14˚ to 122˚ F
Storage Temp	-25˚ to 50˚ C / -13˚ to 122˚ F
Humidity	5% to 90% RH, non-condensing
Electrostatic Discharge (EDS)	15kVDC through air; 4kVDC contact
Sealing	IP51 (dust, drip water proof)

M5901 Industrial Configuration

The M5901 features a forward-scanning pistol grip handle for scan-intensive environments.

Software Specifications

Tools	Preloaded with six everyday data collection applications. Includes an On-board Program Generator (OPG). Supports programs generated with the AML M5900 PC-based Program Generator. Tool chain available to developers upon request.

Peripherals & Accessories (optional)

Chargers	Terminal charger (single slot charging & communications); Modem terminal charger; 4-Position terminal charger; 4-Position battery charger; Vehicle mount charger
Holster	Holser with belt

Terminal Charger

4-Position Terminal Charger

Regulatory Specifications

Certifications	FCC Part 15 Class A
Laser Safety	CDRH Class II, IEC Class 2

CE RoHS COMPLIANT

Maintenance & Support

Standard Warranty	One year standard warranty agreement
Optional	Extended Warranty Plus (3 years); Extended Warranty (3 years)

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Standard Warranty

AML products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AML under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AML's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AML, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.