

# M5900 Series

## 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.



## Applications

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

### Features

Durable, ergonomic design

Graphical 160 x 160 backlit LCD display

High performance 200 MHz ARM9 Processor

32MB RAM, 16MB Flash ROM

SQLite database engine

Rechargeable, high capacity 2200 mAh Lithium-Ion battery

Backup battery

55-key alphanumeric or 35-key numeric keypad

On-board Program Generator (OPG)

Preloaded with six common data collection applications

PC-based M5900 Program Generator

Multiple integrated scan engine options, including 2D Imager

RS232 and USB ports

### Benefits

Built for everyday, all day use.

Easy to read, even in dimly lit environments. Accommodates 20 lines x 20 characters of text.

Rapid access to large look-up tables or stored data.

Ample storage for program and data files, even in the most information-intensive applications.

Powerful handling of data files.

Much longer life than conventional batteries. Ensures extended periods of operation w/o interruption.

Protects and retains memory when the main battery is discharged or removed.

Multi-functional keypad options support most data collection applications.

Create simple applications, right on the M5900, from the Run Program Menu.

Easily scan bar codes and collect basic data.

Quickly and efficiently create custom applications for the M5900.

Choose the most appropriate bar code scanner for your specific data collection application.

Simple and easy data upload.

## Physical Specs

<b>Dimensions</b>	225 mm L x 89 mm W x 57 mm D; 8.875" L x 3.5" W x 2.25" D
<b>Weight</b>	16 oz / 454 g (M5900); 25 oz / 709 g (M5900i)
<b>Drop Specifications</b>	4 ft. (1.2m) drop to concrete (M5900); 5 ft. (1.5m) drop to concrete (M5900i);
<b>Display</b>	Graphical 160 x 160 backlit EL LCD; 20 lines x 20 characters
<b>Battery</b>	Rechargeable 7.2V 2200 mAh Lithium-Ion
<b>Backup Battery</b>	Rechargeable lithium protects RAM and real-time clock
<b>Keypad</b>	55-key alphanumeric or 35-key numeric keypad

## Performance Specs

<b>CPU</b>	32 bit, 200 MHz ARM9 Processor
<b>Operating System</b>	Open source, embedded Linux®
<b>Memory</b>	32MB DRAM, 16MB Flash ROM; 10MB available for user programs and data files
<b>Data Communications</b>	Serial RS232 (RJ-45) supported by M5910 Terminal Charger / Serial Adapter; USB (Type II)

## Environmental Specs

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

## M5900i Industrial Version



The M5900i features a forward-scanning pistol grip handle and protective boot.

Enhanced 5 ft. (1.5m) drop rating to concrete.



## Software Specs

**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.

## Barcode Scanner (optional)

**Integrated Scanner Options** Standard Laser;  
Long Range Laser;  
Advanced Long Range Laser;  
2D Imager

## Peripherals & Accessories (optional)

**Chargers** In-line terminal charger;  
Terminal charger  
(single slot charging & communications);  
Modem terminal charger;  
4-Position terminal charger;  
4-Position battery charger;  
Vehicle mount charger

**Holster** Holster with belt



Terminal Charger



4-Position  
Terminal Charger



In-line Terminal  
Charger

## Regulatory Specs

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



## Maintenance & Support

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

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AML Corporate Headquarters  
2190 Regal Parkway  
Euless, Texas 76040

Sales & Customer Service  
Tel: 800-648-4452  
Fax: 817-685-6232  
Email: [sales@amlt.com](mailto:sales@amlt.com)

Local: 817-571-9015  
Fax: 817-571-6176  
Visit us online at: [www.amltd.com](http://www.amltd.com)

Technical Support  
Tel: 877-842-3990  
Fax: 817-685-6232  
Email: [support@amlt.com](mailto:support@amlt.com)



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