

M5900



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.

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



Applications

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

Features

Durable, ergonomic design

Graphical 160 x 160 backlit LCD display

High performance 200 MHz ARM9 Processor

SQLite database engine

Rechargeable, high capacity 2600 mAh Lithium-Ion 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.

Powerful handling of data files.

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

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.

General Specs

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 Specs

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 Specs

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 (ESD)	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 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.
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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	Holster with belt



Terminal Charger



4-Position
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)

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