

AML M5900 Portable Data Terminal



Mechanical

Dimensions: 8.875 x 3.5 x 2.25"

Weight: 16 oz

Drop Specification: 4 ft. drop to concrete

Display: Graphical 160 x 160 backlit EL LCD;
20 lines x 20 characters

Battery: Rechargeable 7.2V 2200 mAh Lithium-Ion

Backup Battery: Rechargeable lithium protects RAM
and real time clock

Keypad: 55-key alphanumeric

Environmental

Operating Temperature: 14° to 122°F

Storage Temperature: -13° to 122°F

Humidity: 5% to 90% RH non-condensing

Electrostatic Discharge (EDS): 15 kVdc air; 4 kVdc
contact

Sealing: IP51 (dust, drip water proof)

System

CPU: 32 bit, 200 MHz ARM9 Processor

Operating: Open source, embedded Linux®

Memory: 32MB DRAM, 16MB Flash ROM;
10MB available for user programs and data files

Data Communications: Serial RS232 (RJ-45) supported
by M5910 Terminal Charger/Serial Adapter; USB (Type
II)

Power Option: Rechargeable Lithium-Ion battery

Bar Code Scanner

Integrated Scanner Options: Standard Laser; Long Range Laser; Advanced Long Range Laser

Bar Codes: Auto discriminates between Code 39, Extended Code 39 (full ASCII), Interleaved 2
of 5, UPC-A, UPC-E, EAN-8, EAN-13, UPC & EAN supplements, EAN-128, Code 128, Code 93,
Code 11, Codabar, MSI/Plessey, Bookland EAN, RSS14, RSS Limited, RSS Expanded

Software Tools

CSS programs for receiving vendor deliveries, taking a physical inventory audit, and doing price
checks

Optional Peripherals & Accessories

ACC-5910 terminal charger/serial adapter; Single slot communication/charging cradle; Four
position battery charger; Holster with belt

Warranty

Includes one (1) year standard warranty agreement

Optional: Extended Warranty (3 years), Extended Warranty

Plus (3 years) or CARE Plan Extended Warranty (3 years)

Combo Communication and Recharging Cradle

This charges the M59000 and has a socket for a spare battery.

The Terminal Charger also has 2 communications ports, RS-232 (DB-9) and USB (Type II). The Terminal Charger uses a standard RS-232 (DB-9 Male – DB-9 Female) cable with a length of 3 Meters or less.

Both communication connectors on the back of the universal terminal charger are wired “straight through”. This means that the communications settings on the handheld terminal will determine the settings on the communication cradle. The Terminal Charger has no internal or external settings that can be changed.

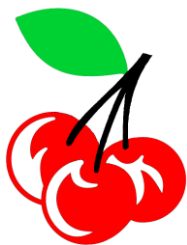
The full-speed USB or RS-232 communication port can be used for uploading and downloading of data files to the handheld terminal. These ports can also be used to load a new or updated operating system into the handheld terminal as well as the CSS programs.



Spare Battery Charger

DB-9 Pin out (RS-232)

- 1 – DCD (Data Carrier Detect) 6 – DSR (Data Set Ready)
- 2 – RXD (Receive Data) 7 – RTS (Request To Send)
- 3 – TXD (Transmit Data) 8 – CTS (Clear To Send)
- 4 – DTR (Data Terminal Ready) 9 – NC (No Connection)
- 5 - GND (Signal Ground)



CHERRY SYSTEMS

3041 Glad Way
Lancaster CA 93536

661-948-2291 Sales
661-370-2311 Fax
661-269-2100 Support

www.cherrystore.com