

# M71V2

## Wireless Terminal



### Designed for comfort and ease of use

The AML M71V2 wireless handheld terminal provides comfort and ease of use for everyday, scan-intensive data capture applications. Its lightweight, contoured design supports comfortable, one-handed operation over extended periods of use. The graphical 160 x 160 backlit LCD with multi-font capability is easy to read, even in dimly lit environments. The spacious LCD screen accommodates the display of large amounts of information, minimizing the need for screen scrolling.

Designed for operational flexibility across a wide range of data collection applications, the M71V2 features an easy-to-use 55-key alphanumeric keypad, multiple integrated scanner options (both 1D and 2D), RS-232 and infrared communication ports. Accessories include single and four position communications/charging cradles, a four position battery charger, a vehicle mount charger, a removable pistol grip with trigger and multiple holsters.

**There are many available charging accessories for the M71V2, including a single slot terminal charger, a four-position terminal charger, and four-position battery charger.**



### Features

Rugged, ergonomic design

Samsung® ARM9 processor

Integrated IEEE 802.11b radio with up to 11Mbps throughput

32MB RAM/16MB ROM

WEP and WPA/WPA2 security

Graphical 160 x 160 backlit LCD display with multi-font capability

55-key alphanumeric keypad

Rechargeable, high capacity 2600 mAh Lithium-Ion battery

Open source, embedded Linux® architecture

IrDA Communication Port

### Benefits

Supports comfortable, one-handed operation over extended periods of use. Holds up in industrial environments.

Rapid processing power

Industry standard WLAN radio technology for real-time, high-rate data transfer

Ample storage capacity, even for the most information-intensive applications

High-level security protection. Includes EAP-TLS, EAP-PEAP, EAP-TTLS and PSK-TKIP

Easy to read, even in dimly lit environments

Maximizes data entry across a wide range of data collection applications

Enhanced power management for eight-hour work shifts without recharging

Highly reliable system performance

Allows communication to peripheral devices

## Physical 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	18.5 oz / 525 g
Drop Specifications	5 ft. (1.5m) drop to concrete
Display	Graphical 160 x 160 backlit EL LCD with multi-font capability
Battery	Rechargeable 2600 mAh Lithium-Ion
Keypad	55-key alphanumeric
Integrated Barcode Scanners (optional)	Standard Laser; Long Range Laser; Advanced Long Range Laser; 2-Dimensional Imager

## Performance Specs

CPU	Samsung® S3C2410 32-bit ARM9 @ 202 MHz with Advanced Microcontroller Bus Architecture (AMBA)
Operating System	Open source, embedded Linux®
Memory	32MB RAM/16MB ROM
Development Environment	Application development using GNU C Compiler
Communications	IrDA; RS-232

## 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 (EDS)	15kVDC air; 4kVDC contact
Sealing	IP51 (dust, drip water proof)

## Regulatory Specs

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



## Software Specs

Terminal Emulation	VT100/VT220/TN5250 Clients
Built-In Functions	TELNET Server; FTP Server; HTTP Server; Web Server; Web Browser

## Wireless Communications

Radio	IEEE 802.11b Standard
Frequency	2.4 GHz
Output Power	17dBm (40 mW)
Security	Support for WEP & WPA/WPA2 encryption & authentication (EAP-PEAP, EAP-TLS, EAP-TTLS, & PSK-TKIP)
Antenna	Internal Diversity

## Peripherals & Accessories (optional)

Cradles	Single slot communication & charging cradle; Four slot terminal charger; Four slot battery charger
Vehicle	Vehicle mount terminal charger; Vehicle mount cradle (non-charging)
Pistol Grip	Removable pistol grip with trigger
Holster	Two styles of functional holsters w/ adjustable belts

## 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)

Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

Specifications are subject to change without notice. All names and products are the trademarks or registered trademarks of their respective organizations.



AML Corporate Headquarters Local: **817-571-9015**  
2190 Regal Parkway Fax: **817-571-6176**  
Eules, Texas 76040 Visit us online at: [www.amltd.com](http://www.amltd.com)

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

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



© 2011 American Microsystems, Ltd.