Triton from AML

The Next Generation is Here

SUMMIT — Enterprise Class Radio

Rugged, Bright-White Backlit Display

Wear-Resistant Keypad

Built-In Terminal Emulation Clients
The Triton comes with built-in TE clients for VT100/220, TN5250 and TN3270.

Multiple Barcode Scanning Options
Choose options such as Auto-Ranging 1D Laser or 2D Imaging.

Optional "Pistol-Grip" Handle
The Triton can be configured with an optional handle for scan-intensive environments.

Just like all AML products, the AML Triton is Made in the USA. Since 1983, AML has engineered, manufactured, and supported our products in Euless, TX.

MADE IN USA — SINCE 1983

Dedicated to Wireless Terminal Emulation

Dedicated to Wireless Terminal Emulation The AML **Triton** is designed for wireless terminal emulation applications in warehousing, distribution and other harsh environments. However, the Triton can also be put to work in light-duty applications where Terminal Emulation is utilized.

TE Applications:
- Inventory Control
- Asset Tracking
- Shipping/Receiving
- Check-In/Out
- Order Picking
- Auditing

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Physical Specifications

Dimensions *(without handle)*	225 mm L x 89 mm W x 57 mm D (8.9" L x 3.5" W x 2.3" D)
Dimensions *(with handle)*	225 mm L x 89 mm W x 208 mm D (8.9" L x 3.5" W x 8.2" D)
Weight *(without handle)*	17 ounces / 482 grams
Weight *(with handle)*	22.5 ounces / 638 grams (SE965 scan engine)
Display	160 x 160 pixel Grayscale LCD with LED Bright White Backlight
Battery	Rechargeable 7.2V Lithium-Ion 2600 mAh, 19.2 watt-hours
Keypad	55-key alphanumeric or 35-key numeric
Pistol-Grip	Optional (Use M7501-XXXX-XX Part number)

Performance Specifications

Processor	Samsung® S3C2410 @ 202 MHz
Operating Platform	AML Embedded Linux® OS; Linux® Kernel 2.6.39
Memory (RAM/ROM)	32 MB SDRAM; 16 MB Non-volatile NOR Flash
Integrated Scanning Options	Standard 1D Laser; 2D Imager
Development Environment	AML M7220 SDK for Linux® supporting C and C++; GNU GCC 3.3.5 for ARM-Linux®; Fully Open Sourced Licensing

Wireless Data Communications

WLAN	IEEE 802.11b/g/n (Summit SDC-MSD40NBT)

SUMMIT DATA COMMUNICATIONS

Security	Wireless Equivalent Privacy (WEP); Wi-Fi Protected Access (WPA); IEEE 802.11i (WPA2)
Encryption	WEP; TKIP; AES
Antenna	Internal Dual-band Diversity

Wired Data Communications

I/O	USB Type B (Slave); Serial RS-232 (max. rate 115200 baud)

Software Tools

Terminal Emulation	VT100/102; VT220; TN5250; SSH
Utilities	Calculator; Bar Code Data Viewer; Linux Console;
Servers	TELNET; FTP; SSH/SFTP; HTTP

Optional Peripherals & Accessories

Triton communication and charging cradle (Red)
Single slot communication and charging cradle
Four slot terminal charger
Four slot battery charger
Vehicle mount terminal charger
Vehicle mount cradle (non-charging)
Holster with adjustable belt

Environmental Specifications

Drop Specifications	5' (1.5M) to concrete
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, all sides
Sealing	IP51 (dust, drip waterproof)

Regulatory Specs

EMI/RFI	FCC Part 15 Class A
Laser Safety (if equipped)	CDRH Class II; IEC Class 2
Restrictions of Hazardous Material	EU RoHS Compliant / Pb Free

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.

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