

KDT750

Price Verification System



Increase customer satisfaction. Grow your business.

The KDT750 from AML is a user-friendly, full-feature price verification system that delivers outstanding functional value in a compact, space-saving footprint. Featuring simple touch screen navigation and a 5.6" full VGA color display, the KDT750 allows retailers to deploy applications that engage customers and enhance the shopping experience – right at the point of purchase.

Customers can use the AML KDT750 to check prices by simply scanning product bar code labels – freeing store employees for more critical, bottom line activities. Retailers can easily develop and deploy additional point of purchase (POP) screens and applications, utilizing the built-in software tools provided with the KDT750. Power-over-Ethernet ready, the KDT750 communicates with the store network via standard Ethernet or optional 802.11b/g/n WLAN radio technology.

Applications

Price Checker
Stock Verifier

Loyalty Programs
Advertising Messages



Features

Large 640 x 480 color, full VGA display

Ultra-compact, space-saving design

Touch screen with four programmable push buttons

Wired or wireless network connectivity

Power-over-Ethernet ready

Full range of functional accessories, peripherals and mounting hardware options

Custom device colors available

Benefits

Display colorful, dynamic graphics and messages that capture attention and engage customers to learn more about products and offers at the point of purchase.

Maximize valuable space in your business. The KDT750 mounts easily to walls, poles, shelves, tabletops and more with optional flush, angled, side or adjustable mounting hardware.

Provide finger touch navigation to menu selections and help users find the information they want, when they want it.

Connect to your network via Ethernet 10/100 Base-TX or optional wireless 802.11b/g/n LAN data communications.

Rapidly deploy devices without incurring the time and costs associated with electrical work.

Individually configure the KDT750 to fit your specific application requirements. Options include magnetic swipe reader, HID proximity card reader and 1D or omni-directional 2D type barcode readers.

Extend corporate branding to the point of purchase. Available for enterprise-wide installations (call for details).

Physical Specs

Dimensions	14.6 cm L x 7.2 cm W x 5.0 cm D; 5.750" L x 6.625" W x 2.000" D
Weight	.81 lbs / 363g
Display	5.6" VGA (640x480), 16-bit Color TFT LCD
Touchscreen	Integrated resistive touch panel
Power Supply	Power-over-Ethernet (802.3af compliant); 12V DC 2.1 mm barrel jack
Internal UPS Battery	Optional 7.4V 2-Cell 2200 mAh Lithium-ion, ~2 hours runtime
Keypad	Four integrated momentary push buttons
I/O Ports	Three USB 1.1 full speed host ports; two RS-232 (one RJ-45, one expansion header); one Wiegand interface (header); two isolated digital inputs (screw terminal block); two isolated micro-relay outputs (screw terminal block); two internal bar code decoder connector (12 & 14 Pin FPC flex)
Networking	10/100Base-TX fast Ethernet; 802.11b/g/n wireless radio (optional internal USB type)
Audio	Integrated speaker and amplifier (tonal)
Color	Black; optional custom colors available for enterprise-wide installations (call for details)
Bar Code Scanner (optional)	Integrated linear CCD; integrated omni-directional 2D imager; integrated 1D laser; external omni-directional laser
Card Readers (optional)	Magnetic stripe reader; HID® ProxPoint® proximity card reader

Performance Specs

Processor	Samsung S3C2410 @ 202 MHz
Architecture	32-bit RISC ARM9 with AMBA (Advanced Microcontroller Bus Architecture)
Memory (RAM)	64 MB 100MHz SDRAM
Memory (Flash storage)	1024 MB (1 GB) Flash Storage; 16 MB ROM (OS)
Memory Expansion	1 GB included SD Card
Operating System	Linux® (AML GNU/Linux, Kernel 2.6.22)

Environmental Specs

Operating Temp	-20° to 50° C / -4° to 122° F
Storage Temp	-30° to 60° C / -22° to 140° F
Humidity	0% to 90% RH, non-condensing
Electrostatic Discharge (EDS)	15kVDC through air; 8kVDC contact
Sealing	IP54; NEMA 12

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)

Software Specs

Price Verification	AML Price Lookup using APL protocol
Web Browser	HTML 4.0 Support (without CSS); Graphics (JPEG, PNG); HTTP 1.1; HTTPS (Secure HTTP); text mode capable
Diagnostic Tools	Standard suite of network & system diagnostic tools
Custom Applications	Application development in C and C++ using the KDT750 Software Development Suite

Wireless Radio Specs (optional)

Radio	IEEE 802.11n Draft v2.0; IEEE 802.11b; IEEE 802.11g
Frequency	2.4 GHz Range
Output Power	802.11b: 17 ± 1dBm; 802.11g: 17 ± 1dBm; 802.11n: 15 ± 1dBm
Antenna Configuration	1T2R Internal Antenna (1 Transmit / 2 Receiving)
Receive Sensitivity	802.11g: -70dBm @54Mbps; 802.11b: -83dBm @11Mbps; 802.11n: -83dBm @11Mbps
Security	None; 64/128 Bit WEP; WPA/WPA2 Personal (PSK); WPA/WPA2 Enterprise (EAP); 802.1x Authentication Supplicants

Mounting Hardware & Accessories (optional)

Mounting Kits	Pole or post mount kit; angled wall mount kit; Adjustable universal RAM Mount™ kit
Peripheral Kits	Top-mount MSR kit; Side-mount HID® ProxPoint Plus® kit



HID Proximity Card Reader Attachment External Omni-directional Laser Attachment Magnetic Stripe Reader Attachment RAM® Mount Attachment

Regulatory Specs

Certifications	FCC Part 15 Class A
Environmental	RoHS, Pb-Free



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
2190 Regal Parkway
Euless, Texas 76040

Sales & Customer Service
Tel: 800-648-4452
Fax: 817-685-6232
Email: sales@amltd.com

Local: 817-571-9015
Fax: 817-571-6176
Visit us online at: www.amltd.com

Technical Support
Tel: 877-842-3990
Fax: 817-685-6232
Email: support@amltd.com



© 2010 American Microsystems, Ltd.