

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 / -30° to 140° F |
| Humidity | 0% to 90% RH, non-condensing |
| Electrostatic Discharge (EDS) | 15kVDC through air; 8kVDC contact |
| Sealing | IP54; NEMA 12 |

Maintenance & Support

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|--------------------------|--|
| 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

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|----------------------------|--|
| 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)

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|------------------------------|---|
| 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)

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|------------------------|--|
| 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 |



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