



Product: **KDT900 Kiosk Data Terminal**
Subject: **AML Product Launch Document**
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Introducing the **NEW**
KDT900 Kiosk Data Terminal



There are a variety of possible applications including Access Control, Time & Attendance, Work-in-Process, Retail Price Checker or Digital Sign just to list a few.

AML KDT900 Kiosk Data Terminal

The KDT900, from AML, is a full-featured, general purpose kiosk/data terminal with a wide variety of application possibilities. Powered by Windows® CE 6.0, and featuring a number of user input/output options, the KDT900 is perfect for a contemporary time & attendance terminal, a retail price checking kiosk, an access control device, a digital sign, or a general purpose kiosk designed to put information at the fingertips of the customer. In any application, the full VGA color display will impress with crisp, clear images, and the built-in Power-over-Ethernet will ease installation and save money. Of course, an 802.11b/g/n radio is available for wireless installations, and multiple USB and RS-232 ports provide a host of options for peripheral devices if needed. To further round out the KDT900, users may choose to add either a 1D or 2D barcode scanner, and a magnetic stripe reader (MSR) or HID proximity card reader.

Designed with today's cost-conscious retailer in mind, the new AML KDT900 is a user-friendly, full-feature kiosk 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 KDT900 allows retailers to display colorful graphics and messages that will engage customers and enhance the shopping experience - right at the point of purchase.

The AML KDT900 features a full range of functional accessories and mounting options that allow users to configure the device to fit specific application requirements. Options include magnetic stripe reader, HID proximity card reader, internal backup battery, and 1D or omni-directional 2D bar code reader. The KDT900 Kiosk Data Terminal mounts easily to walls, poles, shelves, and tabletops with optional mounting hardware and accessories.

[Download the KDT900 Specification Sheet](#)

Features & Benefits

Features	Benefits
Large 640 x 480 color VGA display	Create colorful, dynamic graphics and messages that capture attention and engage customers to learn more about products and offers at the point of purchase.
Ultra-compact, space-saving design	Maximize valuable space in any business. The KDT900 easily mounts to walls, poles, shelves, tabletops and more with optional flush, angled, side or adjustable mounting hardware.
Touch screen with four programmable push buttons	Provide finger touch navigation to menu selections and help users find the information they want, when they want it.
Wired or wireless network connectivity	Connect to the network via Ethernet 10/100 Base-TX or optional wireless 802.11b/g/n LAN data communications.
Power-over-Ethernet ready	Rapidly deploy devices without incurring the time and costs associated with electrical work.
Full range of functional accessories, peripherals and mounting hardware options	Individually configure the KDT900 to fit specific application requirements. Options include magnetic stripe reader, HID proximity card reader and 1D or omni-directional 2D bar code reader.
Custom device colors available	Extend corporate branding to the point of purchase. Available for enterprise-wide installations (call for details).

Product Specifications

Physical	
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

Touch Screen	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
Data 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	Integrated Linear CCD decoder (optional); integrated omni-directional 2D (optional)
Card Reading	Magnetic stripe reader (optional); HID® ProxPoint® proximity card reader (optional)

Environmental

Operating Temperature	-20° to 50° C / -4° to 122° F
Storage Temperature	-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

Performance

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 (1GB) Flash Storage; 16MB ROM (OS)

Memory Expansion	1 GB included SD Card
Operating System	Windows® CE 6.0

Software

Web Browser	Internet Explorer
Other	Remote Desktop
Custom Applications	<ul style="list-style-type: none"> Application development in C and C++ using the Microsoft® Visual Studio® TracerPLUS™

Optional Wireless Radio

Radio	IEEE 802.11n Draft v2.0; IEEE 802.11b; IEEE 802.11g
Frequency	2.4 GHz Range
Signal Rates	11n (40MHz): up to 300Mbps; 11n (20MHz): up to 144Mbps; 11g: up to 54Mbps, 11b: up to 11Mbps
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

Optional Mounting Hardware & Accessories

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

Regulatory

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

Specifications and information are subject to change without notice.
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Download the [KDT900 Specification Sheet](#)

Accessories & Peripherals



KDT750/900 MSR Kit

The AML KDT900 can be fitted with the top-mount, Magnetic Stripe Reader (MSR) kit and configured as a payment kiosk or a time & attendance input device. The MSR will read up to 3 tracks of magnetic stripe card data and supports bi-directional swipe reading. Superior reading of high jitter, scratched and worn magnetic stripe cards. *(Part Number: ACC-750MSR)*



KDT750/900 HID Kit

The optional HID® ProxPoint Plus® kit mounts to the side of the AML KDT900 and is compatible with most standard access control applications. The HID® ProxPoint Plus® reader recognizes card formats up to 85 bits, with over 137 billion unique codes. *(Part Number: ACC-750HID)*



KDT750/900 Pole Mount

The KDT900 Pole Mount Bracket is a non-destructive mounting solution for existing round structural or aesthetic posts and poles. Utilizing nylon or steel straps, the KDT900 can be mounted to poles ranging in size from 4 to 24 inches in diameter. The ideal pole diameter for the bracket ranges from 6 to 16 inches. *(Part Number: ACC-0750)*



KDT750/900 Wall Mount

Ideal for price checking applications, the optional Angled Wall Bracket hard mounts the KDT900 to any flat surface at a 20-degree angle. The bracket attaches to the KDT900's rear panel via four stainless steel studs and nuts. *(Part Number: ACC-0752)*



KDT750/900 RAM Mount Kit

The RAM® Mount Kit for the KDT900 easily attaches to the rear panel of the device. The optional RAM Mount kit can be utilized to position the KDT900 exactly where it is needed, so it's easy to read and use. *(Part Number: ACC-0754)*



External DC Power Supply

12VDC, 2.5A, 2.1 mm barrel jack external power supply. *(Part Number: PWR-8050)*

Product Positioning

Great reasons to consider the AML KDT900 Kiosk Data Terminal.

- **Compact, space-saving footprint**
The AML KDT900 features a compact, space-saving footprint that makes it ideal for integrating into a custom display or customer service "station", as well as areas where a minimally obstructed view of products is important.
- **Power-over-Ethernet (PoE) ready**
Most price-checkers on the market today do not support Power-over-Ethernet (PoE) internally. Instead, customers must purchase an external PoE module that adds cost, complicates integration and clutters the appearance. Having the PoE as a standard feature and integrated into the AML KDT900 provides a definite advantage. The ability to send data and power over the same cable eliminates the need for an external power supply and makes for a cleaner installation.
- **5.6" full VGA color touch screen display**
The AML KDT900 is equipped with a large 5.6" full VGA display with simple, touch screen navigation. It provides the same "visibility" and "view-ability" as much higher-end systems, but at a cost comparable to systems with 2 and 4-line text based monochrome displays.
- **Cost-effective and cost-saving**
The AML KDT900 is designed to appeal to today's cost-conscious retail buyer. Starting at \$1,035.00 (list) with touch screen navigation, integrated CCD bar code scanner and Power-over-Ethernet ready, the KDT900 will help retailers reduce operational cost, while increasing customer satisfaction.



Customer Applications

- Price checker
- Stock verifier
- Loyalty programs
- Advertising messages

Employee Applications

- Inventory lookup
- Work schedules
- Time & attendance



- Access Control
- Time and Attendance



- Work-in-process
- Industrial data collection

Pricing (List) & Part Numbers

KDT900 Kiosk Data Terminal

The AML KDT900 comes standard with a 5.6" full VGA color touch screen display, Power-over-Ethernet (PoE), user-definable keys, and multiple USB and serial ports. Options include 802.11b/g/n WLAN radio technology, internal UPS backup battery, magnetic stripe reader, HID proximity card reader, and CCD or omni-directional 2D bar code reader. The KDT900 mounts easily to walls, poles, shelves, and tabletops with optional mounting hardware and accessories.

Comes with: User Documentation CD
Warranty: One-Year
Need to Know: Power-over-Ethernet is standard. If this feature is not used, the PWR-8050 power supply is required.

Part Number	Description	List Price
KDT900 Kiosk Data Terminals		
KDT900-0000	KDT900, No Scanner	\$935.00
KDT900-0001	KDT900, CCD	\$1,035.00
KDT900-0002	KDT900, 2D	\$1,335.00
KDT900-0010	KDT900, 802.11b/g/n, No Scanner	\$1,035.00
KDT900-0011	KDT900, 802.11b/g/n, CCD	\$1,135.00
KDT900-0012	KDT900, 802.11b/g/n, 2D	\$1,435.00
KDT900-0100	KDT900, UPS Battery, No Scanner	\$985.00
KDT900-0101	KDT900, UPS Battery, CCD	\$1,085.00
KDT900-0102	KDT900, UPS Battery, 2D	\$1,385.00
KDT900-0110	KDT900, UPS Battery, 802.11b/g/n, No Scanner	\$1,095.00
KDT900-0111	KDT900, UPS Battery, 802.11b/g/n, CCD	\$1,195.00
KDT900-0112	KDT900, UPS Battery, 802.11b/g/n, 2D	\$1,495.00

Download the [KDT900 Product Configurator](#)

KDT900 Extended Warranties

Part Number	Description	List Price
SVC-EW900	KDT900 Extended Warranty (3 Years)	\$165.00

SVC-EWP900	KDT900 Extended Warranty Plus (3 Years)	\$245.00
SVC-EWX900	KDT900 CARE Plan Extended Warranty (3 Years)	\$300.00
SVC-MA900	KDT900 Maintenance Agreement (1 Year)	\$115.00
SVC-MAP900	KDT900 Maintenance Agreement Plus (1 Year)	\$160.00

KDT900 Accessories

Part Number	Description	List Price
PWR-8050	Power Supply, 12VDC, 2.5A	\$35.00
ACC-0750	Pole Mount, KDT750/900	\$115.00
ACC-0752	Wall Mount, KDT750/900	\$65.00
ACC-0754	RAM Mount Kit, KDT750/900	\$75.00
ACC-750MSR	MSR Kit, KDT750/900	\$250.00
ACC-750HID	HID Kit, KDT750/900	\$275.00

Download [AML Partner Price Guide](#) (password required)

[Request Password](#)

Warranty and Support Agreements



Includes one (1) year standard warranty agreement

Optional:
 Extended Warranty coverage (3 Years)
 Extended Warranty Plus coverage (3 Years)
 CARE Plan Extended Warranty coverage (3 Years)

View the [AML Support Agreements](#)

Availability

The AML KDT900 Kiosk Data Terminal is available for immediate shipment.

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For more information, contact your AML sales representative:

Dollie Charron
AML Sales Manager

800-648-4452 Ext 113
dcharron@amltd.com

