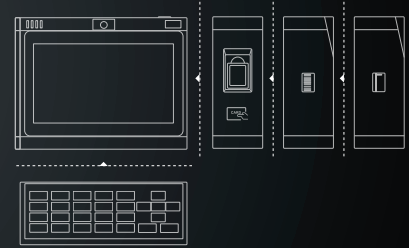




ULTIMA

The future of workforce
DATA COLLECTION



Fingerprint



RFID



Barcode



Magnetic



MultiCard Reader



Camera



PoE+



Battery



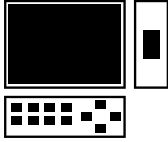
Keypad

A Flexible, Secure and Powerful Workforce Management Terminal

Designed and built for today's workforce; Ultima features an intuitive display, a robust operating system and flexible features that allow for a streamlined time clock integration that reduces time to market and increases margins.

Partners can choose to develop their own Time Clock application with the Linux or Android platform, or can license ZK's **TimeTrack Android Application**. Ultima scales to virtually any environment and application. A 7-inch high resolution touchscreen display helps employees perform workforce related activity using a finger, proximity, or badge swipe, and provides a self-service view into schedules, time-off requests, and more.

ENTERPRISE PRODUCT PORTFOLIO



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Specifications

Processor

Freescall 1GHz (Dual Core) Cortex A9

Display

- 7" TFT LCD Capacitive Touch Screen, 800 x 480 Resolution
- 16:9:6 Aspect Ratio

System

Development:

- Android 7.1.2 with future OS upgrade OTA capability
- Onboard and remote diagnostics capability
- Software Development Kit (SDK)

RAM: 1GB DDR3 RAM + 512MB SLC NAND

Storage: 8G eMMC, Class 10 SD card

Expansion: microSD card slot

Communications

- Standard 10/100/1000 Mbps Ethernet
- Certified Wi-Fi 802.11 a/b/g with MIMO
- USB 2.0 Ports
- Wiegand

Interface

- AUX Input x 2
- Wiegand Input x 2
- Relay x 2 (Alarm, Bell, External Lock)
- Programmable LED indicator

Biometric Technology

Silk ID Sensor (ZK): Touch-based optical fingerprint reader

Key features: FBI PIV and Mobile ID certification; FAP20

High-performance live-finger detection

Lumidigm Mercury Sensor: Patented Lumidigm optical multi-spectral imaging

Audio

- Speaker
- Microphone (Optional)

Keypad (Optional-Modular)

- 27- key tactile and programmable with a 4 x 5 matrix and 5 navigation keys
- Capacitive Touch Screen

Integrated Readers and Supported Card Technologies (Modular)

- Barcode badge reader
- Magnetic stripe card reader
- RFID: EM4100 SERIES PROX CARDS with an EM/ Marin S.A Memory Chip
- PASSIVE PROX/RFID responder
- Multi-frequency card reader, UltiCard* supports all major RFID standards -- for frequency ranges 125/134.2 kHz and 13.56 MHz, including NFC

Power

12 V DC, 3.0A

Optional: Battery 7.4V 2000mAh

Optional: POE+(PoEP IEEE 802.3at)

Environment

Operating Temperature: 32° F to 113° F (0° C to 45° C)

Operating Humidity: 5% to 80% non-condensing

Dimensions

Width Base with Cover Plate: 7.75 in. (19.6 cm)

Width Fully Configured: 12.325 in. (31.3 cm)

Height: 5.675 in. (14.4 cm)

Depth: 3 in. (7.52 cm)

Weight: 2.9 lbs. (1.3 kg)

* See Ulticard Datasheet for more details



Design and Specifications subject to change without notice

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