



ULTIMA

The future of workforce
DATA COLLECTION



Fingerprint



Face ID



PIN



RFID



Barcode



Magnetic



MultiCard Reader



Camera



Battery



PoE+



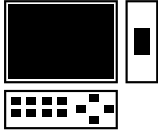
Keypad

A Flexible, Secure and Powerful Workforce Management Terminal

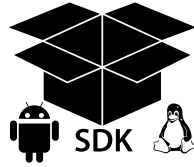
Designed and built for today's workforce; Ultima features an intuitive display, a robust operating system and flexible features that allow for a streamlined time clock integration that reduces time to market and increases margins.

Partners can choose to develop their own Time Clock application with the Linux or Android platform, or can license ZKTeco'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

Freescale 1GHz (Dual Core) Cortex A9

Display

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

System

- Android 7.1.2
- Android 8.0

Memory

RAM: 1GB DDR3 RAM + 512MB SLC NAND

Storage: 8GB eMMC, Class 10 SD card

Expansion: microSD card slot

Capacity

Fingerprint: 20,000

Facial: 6,000

Card: 30,000

Transaction: ≈1 Million

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

Fingerprint: Silk ID Sensor (ZK): Touch-based optical fingerprint reader with FBI PIV and Mobile ID certification; FAP20 Highperformance live-finger detection

Facial Identification: Infrared light facial biometric that can identify user under 1 second.

Infrared body temperature module: Multi-point thermopile body temperature module within 0.3° accuracy

Audio

- Speaker
- Microphone

Keypad (Optional-Modular)

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

Soft Keypad

- Capacitive Touch Screen

Modular Readers & Supported Card Technologies

Barcode badge reader*

Magnetic stripe card reader*

RFID: EM4100 SERIES PROX CARDS

- 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

AC Power Adaptor: 12V, 3.0A

PoE* (Power over Ethernet): PoEP IEEE 802.3at

Power Class Levels: 0~4

Maximum Current: 720mA

Voltage Range(at PSE): 50~57v DC

Maximum Power(at PES): 36W

Input Voltage(at PD): 48V

Maximum Power(at PD): 30W

Battery*:

Voltage: 7.4V

Capacity: 2000mAh

Charge Voltage: 8.4V

Normal Charge: 8hrs

Fast Charge: 5hrs

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)

* Optional

** See Ulticard Datasheet for more details



Design and Specifications subject to change without notice

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