



# ULTIMA7

The Re-imagined Workforce Data Collection Terminal



ULTIMA SERIES 2



Fingerprint



Face ID



Palm ID



PIN



MultiCard Reader



RFID



Barcode



Magnetic



Mask Recognition



Camera



Voice



Battery



PoE+

Next-generation  
7-inch flexible  
time clock  
with new and  
Innovative facial  
and biometric  
technology

Designed and built for today's workforce, the next-generation Ultima 7 features a crisp, high-resolution 7-inch capacitive touch screen display, a powerful 8-core processor, large memory, and storage. They have various communication options such as Ethernet, Wi-Fi, and flexible power and backup battery options.

The Ultima 7 can be configured with a built-in camera and have several biometric options such as fingerprint, Infrared facial, new visible light facial and biometric technology, and a variety of card reader options like proximity, smart cards, magnetic and barcode.

Ultima Series 2 is fully capable of supporting all native and web application needs. Partners can choose to develop their Time Clock application with the Android platform or can license our TimeTrack Android Application. The Ultima Series 2 software development tools and complementary support allow partners for a streamlined time clock integration that reduces time to market and development cost and increases margins.

# WORKFORCE DATA COLLECTION PRODUCTION PORTFOLIO



## Specifications

### Processor

Qualcomm SDM450  
1.8 GHZ 8 cores/cortex- A53

### Display

- 7" TFT LCD Capacitive Touch Screen, 1024 x 600 Resolution
- 16:9:6 Aspect Ratio

### System

- Android 9.0

### Memory

**RAM:** 2GB  
**ROM:** 16GB  
**Expansion:** microSD card slot

### Capacity

**Fingerprint:** 20,000  
**Facial (1 to N):** *Near-infrared:* 6,000  
*FAM33 Module - Visible light:* 20,000  
**Card:** 10,000  
**Transaction:** ≈1 Million

### Communications

- Standard 10/100/1000 Mbps Ethernet
- Certified Wi-Fi Dual Band 2.4G/5G, 802.11 a/b/g/n/ac
- USB 2.0 Ports
- Wiegand

### Interface

- AUX Input x 2 \*
- Wiegand Input x 2 \*
- Relay x 2 (Alarm, Bell, External Lock) \*
- Programmable LED indicator x 2 (4 in total)

### Biometric Technology

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

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

### Audio

- Speaker
- Microphone with Noise Cancellation

### 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:** 12 V, 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):* 30W

*Input Voltage(at PD):* 48V

*Maximum Power(at PD):* 30V

### 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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