



ULTIMA 10

The Re-imagined
Workforce Data Collection
Terminal



Fingerprint



Face ID



Palm ID



PIN



MultiCard Reader



RFID



Barcode



Magnetic



Mask Recognition



Camera



Voice



Battery



PoE+



4G

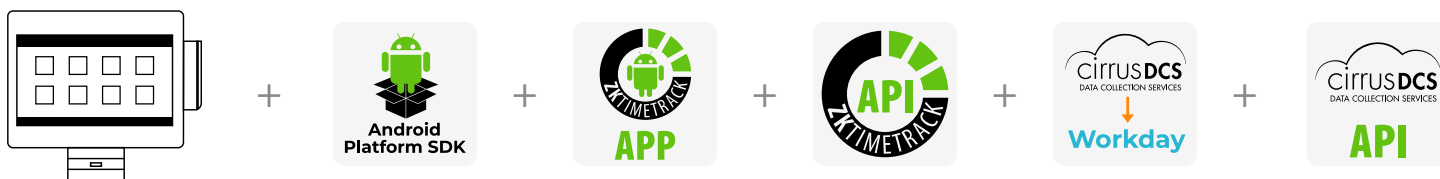
High performance,
Technologically
Advanced, Fully
Customizable &
Completely Secure

Designed and built for today's workforce, the **next-generation Ultima 10** features a crisp, high-definition 10-inch capacitive touch screen display, a powerful 8-core processor, large memory, and storage. They have various communication options such as Ethernet, Wi-Fi, 4G, and flexible power and backup battery options. It has a built-in noise cancellation microphone, speakers, and interactive LED lights that can be programmed to provide users with audio and visual feedback during the time clock operation.

The **Ultima 10** has a **built-in camera** and has several biometric options such as fingerprint, Infrared facial, new visible light facial and palm biometric technology, and a variety of card reader options like proximity, smart card, 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 1.8GHZ 8 cores/cortex- A53

Display

- 10.1" TFT LCD Capacitive Touch Screen, 1920 x 1200 Resolution
- 16:9 Aspect Ratio

System

- Android 9

Memory

RAM: 2GB

ROM: 16G

Expansion: microSD card slot

Capacity

Fingerprint: 20,000

Facial (1 to N): Near-infrared: 6,000

FAM33 Module - Visible light: 20,000

Palm (1 to N): FAM33 Module - Visible light Palm: 5,000

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
- PTCRB Certified 4G LTE
- Wiegand
- 4G Module

Interface

- LED module x 1 (1 in total)
- 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

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

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

Visible Light Recognition: V5.9 with FAM33 Module

Thermal: Infrared body temperature module: Support Thermal Imaging (TI) Module within 0.3° accuracy combined with FAM33 module)

Infrared body temperature module: Support Thermal Imaging (TI) Module within 0.3° accuracy combined with FAM33

Palm: FAM33 Module - Palm Support, Visible Light

Audio

- Speaker
- Microphone

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: 1300 mA

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

Maximum Power(at PES): 30 W

Input Voltage(at PD): 48 V

Maximum Power(at PD): 30 V

Battery*:

Voltage: 7.4V

Capacity: 7600 mAh

Charge Voltage: 8.4 V

Normal Charge: 15 hrs

Environment

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

Operating Humidity: 5% to 80% non-condensing

Dimensions

Width Base: 10.19 in. (25.9 cm)

Width with attached module: 10.19 in. (25.9 cm)

Height (base): 8.11 in. (20.6 cm)

Depth: TBD

Weight: TBD

* Optional

** See UltiCard Datasheet for more details



Design and Specifications subject to change without notice

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