

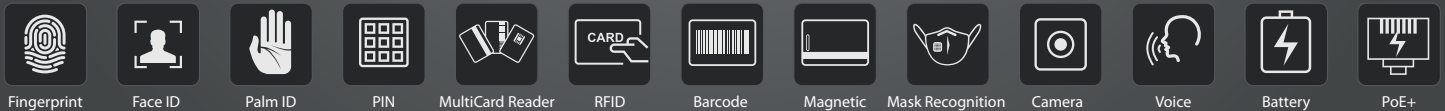


ULTIMA 7

The Re-imagined Workforce Data Collection Terminal



ULTIMA SERIES 2



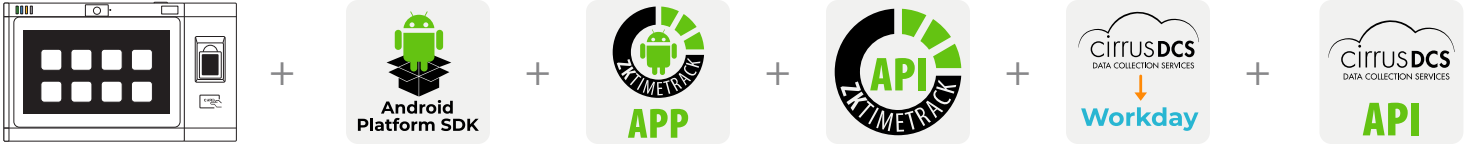
Next-generation 7-inch flexible time clock with new and innovative facial and palm biometric technology

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

Facial: Thermopile sensor: N/A(Can be added, if necessary, when meets MOQ).

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

Thermal: N/A(Can be added if necessary)

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 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: 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): 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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