



# ULTIMA 5

The Re-imagined  
Workforce Data Collection  
Terminal



Fingerprint



Face ID



PIN



MultiCard Reader



RFID



Barcode



Magnetic



Mask Recognition



Camera



PoE+

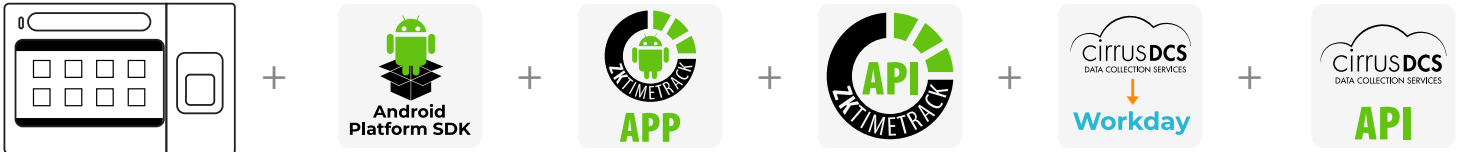
Robust 5-inch  
touchscreen time clock  
for easy migration from  
Linux to Android

Designed and built for today's workforce, Ultima 5 features a crisp, high-resolution 5-inch capacitive touch screen display, a powerful 8-core processor, large memory, and storage. They have various communication options such as Ethernet and Wi-Fi and flexible power options.

The **Ultima 5** can be configured with a built-in camera and several biometric options such as fingerprint, new visible light facial recognition and palm biometric technology, and a variety of card reader options like proximity and smart card.

**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

8 core processor

#### Display

- 5" TFT LCD Capacitive Touch Screen, HD-IPS
- 1280 X 720 Resolution
- 16:9 Aspect Ratio

#### System

- Android 10

#### Memory

**RAM:** 2GB

**ROM:** 16G

#### Capacity

**Fingerprint:** 20,000

**Facial (1 to N):** FAM33 Module - Visible light 20,000

*Dual Camera - Visible light 1,000  
(Limited Down to 1000)*

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

**Card:** 10,000

**Transaction:** ≈1 Million

#### Communications

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

#### Interface

- Relay x 1 (Bell)
- Programmable LED indicator x 1 (1 in total)

#### Biometric Technology

**FP:** ZK Green Sensor ZK2750P

**Facial:** Facial Identification: FAM33 Module - Visible Light Recognition by touchless Palm and Face in milliseconds.

**Dual Camera:** Visible Light Recognition

**Thermal:** UTLIMA 50 does not support thermal imaging and thermopile

#### Audio

- Speaker
- Microphone

#### Soft Keypad

- Capacitive Touch Screen

#### Modular Readers & Supported Card Technologies

**Barcode badge reader:** N/A(Can be added but need to meet MOQ)

**Magnetic stripe card reader:** N/A(Can be added but need to meet MOQ)

**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, 1.5A

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

*Power Class Levels: 0~4*

*Maximum Current: 800mA*

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

*Maximum Power(at PES): 30 W*

*Input Voltage(at PD): 30 W*

*Maximum Power(at PD): 30V*

#### 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:** 7.79 in. (19.6 cm)

**Width Fully Configured:** 12.325 in. (31.3 cm )

**Height:** 5.472 in. (13.9 cm)

**Depth:** 2.125 in. (5.40 cm)

**Weight:** TBD

\* Optional

\*\* See Ulticard Datasheet for more details



Design and Specifications subject to change without notice

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