

Iris & Face Recognition

# iT100

Time Clock for the Modern Workforce



Iris / Face  
Fusion



Counter  
measures



Advanced  
Security



Large  
Capture Volume



Open Android  
Platform

The iT100 is Iris ID's newest non-contact biometric offering that features both iris and facial recognition technology. Automatic recognition of iris and/or face is possible. A large capture volume allows for increased flexibility, speed and convenience. Enhanced security through Secure Boot and an open Android Platform provides an opportunity for third party application development.

## Features



### IRIS / FACE Fusion

Operates in Iris only / Face only / and, or, fusion mode. Select and use according to the biometric security environment.



### Countermeasures

A proven set of anti-spoof measures that continues to set the standard for the industry is included.



### 7 inch Multi Touch Display

Easy on device setting & user enrollment available with Self-guidance with live images on 7" multi Touch LCD.



### Automatic Tilt Adjustment

The Camera automatically finds user and moves to a location where the user's eyes and face can be photographed.



### Large Capture Volume

Quickly and easily authenticates just by looking at the screen with wide recognition range of Iris 30~60cm(12~24") & Face 30~80cm(12~32").



### Simultaneous Biometric Capture

Automatically captures dual iris and face at the same distance.



### Non-Contact Authentication

Automatically captures faces and iris naturally up to 24 inches or 60 cm.



### Eye Safety Certified

Tested and meets UL, ANSI, and international eye safety standards.



### Advanced Security

Information is encrypted, Secure Boot platform and Advanced Network security.



### Open Android Platform

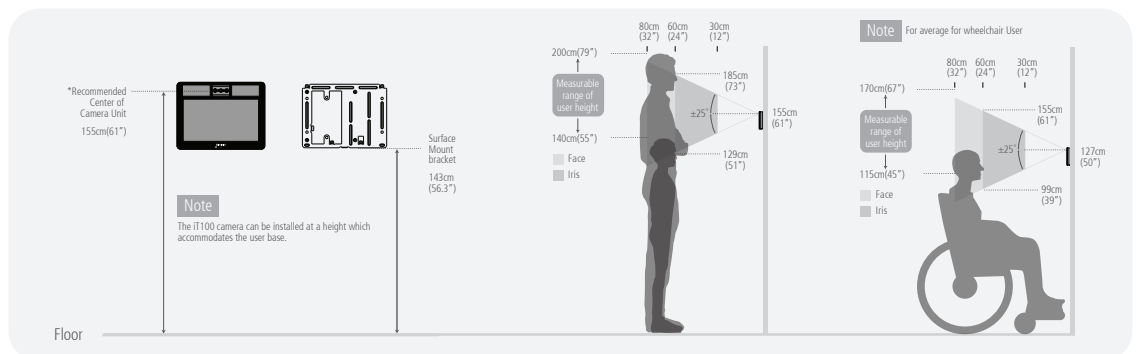
Open Android Platform provides for third party application development.

## Specifications

Dimensions (W x H x D)	18cm x 14cm x 3cm (7.1" x 5.4" x 1.2")
Weight	1.2lbs (543g)
Type	Walk-up
Power Input / Consumption	12 - 24 VDC (auto - +/- 500 mv ripple voltage industry standard) / Max. 30watt
OS	Android OS 7.1
User Interface	Self-guidance with displayed images on LCD
Operation	Iris and or Face, Face + Iris Fusion
User Capacity	Up to 5,000 1:N, 100,000 1:1 users
Transactions	Number of transaction logs on device DB: 1M (Iris) / 100,000 (Face)
Encryption	AES256
USB	1 Port

Matching Speed	Less than 1 sec
Tilt	Auto Range: -25° ~ +25°
Languages	Support multiple languages and characters simultaneously
Algorithm	IrisCapture / DualEyelInfo™ / Countermeasure / Face Matching
Real Time Clock	Internal battery
Proximity detection	ToF Sensor
Certifications	CE, FCC, KC, Eye Safety, UL294
Operating Range	Iris Camera: 30 ~ 60cm (12~24") / Face Camera: 30~80cm max (12~32")
Temperature	Operating: 0 ~ 45°C (32 ~ 113°F) / Storage: -20 ~ 90°C (-4 ~ 194°F)
Connectivity	Ethernet or Wi-Fi (optional) Relay
Upgradable Hardware	Weigand, GPI, Serial Interface, External Card Reader

## Installation



## IrisTime™ Solution

Iris ID's IrisTime™ solutions continue to set the standard for integration, performance and versatility for iris recognition. Whether you are looking for a single biometric solution, or a fusion of iris and face recognition, the IrisTime™ product is the answer. Integration with cards, or keypad input is also possible. IrisTime™ offers a built in App, the iTMS Solution and also provides a development environment for the application developer. A REST API provides access to all of the features and functions of the IrisTime™ platform.

## iTMS™

The iTMS™ (iT100 Management System) is a device management application that runs on Windows/Mac OS/Linux workstation that can manage multiple iT100's using the REST API. iTMS™ allows the administrator/operator to configure the iT100 so that it can instantly be up and running.

## Use Cases



Time & Attendance



Laboratory



Buildings



Healthcare



Manufacturing



Construction



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IRIS ID AUTHORIZED RESELLER