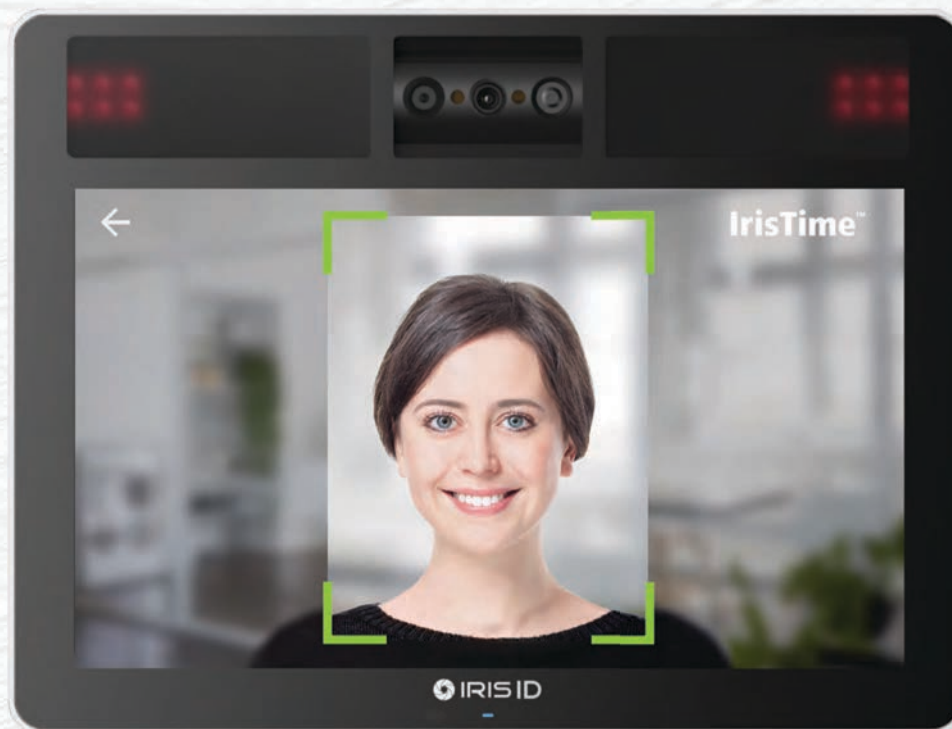# IrisTime ™

Iris & Face Recognition
iT100

Time Clock for the Modern Workforce
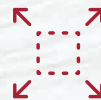

| Iris / Face Fusion | Counter measures | Advanced Security | Large Capture Volume | Open Android Platform |

The iT100 is Iris ID's newest non-contact AI (artificial intelligence) enabled 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 open Android Platform provides an opportunity for third party application development.

IRIS ID
Advanced Identity Authentication™

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 industry standards

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").
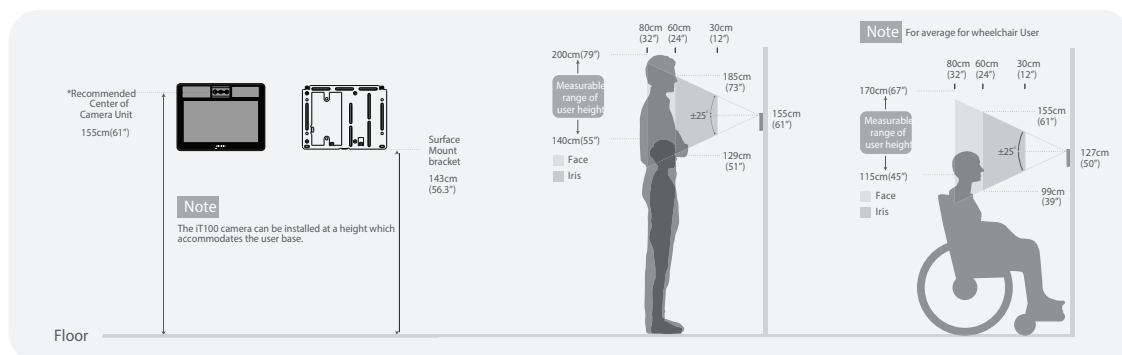
Simultaneous Biometric Capture
Automatically captures dual iris and face at the same distance.

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")	Matching Speed	Less than 1 sec
Weight	1.2lbs (543g)	Tilt	Auto Range: -25° ~ +25°
Type	Walk-up	CPU	Cortex A-53 Octa Core
Power Input / Consumption	12 - 24 VDC (auto - +/- 500 mv ripple voltage industry standard) / Max. 30 watt	Algorithm	IrisCapture / DualEyeInfo™ / Countermeasure / Face Matching
OS	Android OS 7.1	Real Time Clock	Internal battery
User Interface	Self-guidance with displayed images on LCD	Proximity detection	ToF Sensor
Operation	Iris and or Face, Face + Iris Fusion	Certifications	CE, FCC, KC, Eye Safety, UL294
User Capacity	Up to 10,000 1:N, 100,000 1:1 users	Operating Range	Iris Camera: 30 ~ 60cm (12~24") / Face Camera: 30~80cm max (12~32")
Transactions	Number of transaction logs on device DB: 1M (Iris) / 100,000 (Face)	Temperature	Operating: 0~45℃ (32 ~ 113℉) / Storage: -20 ~ 90℃ (-4 ~194 ℉)
Encryption	AES256	Connectivity	Ethernet or Wi-Fi (optional) Relay
USB	1 Port	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

IRIS ID

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IRIS ID AUTHORIZED RESELLER