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 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.

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.

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

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

Non-Contact Authentication
Automatically captures faces and iris naturally up to 24 inches or 60 cm.

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

Eye Safety Certified
Tested and meets UL, ANSI, and international eye safety standards.

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

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

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").

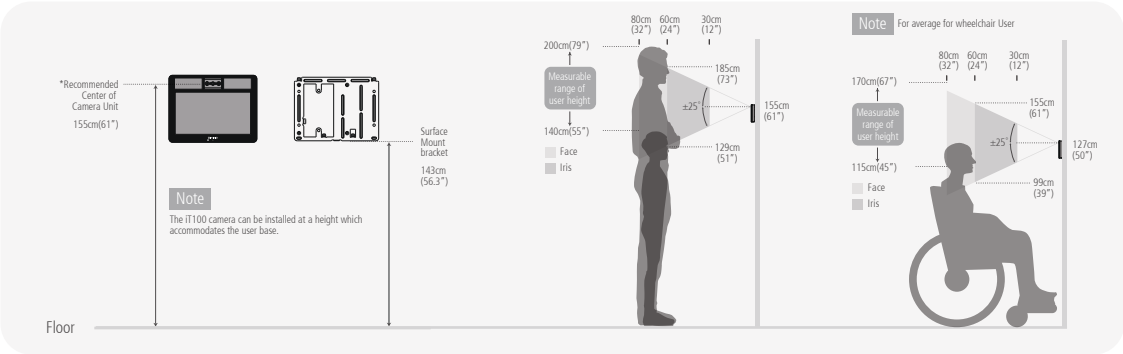
Open Android Platform
Open Android Platform provides for third party application development.

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°
CPU	Cortex A-53 Octa Core
Algorithm	IrisCapture / DualEyeInfo™ / 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℃ (32 ~ 113°F) / Storage: -20 ~ 90℃ (-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

IRIS ID

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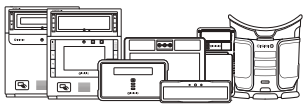

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IRIS ID AUTHORIZED RESELLER