IrisTime®

Iris & Face Recognition

iT100

Time Clock for the Modern Workforce

Multimodal Iris / Face

Counter measures

Advanced Security

Large Capture Volume

Open Android Platform

The iT100 is Iris ID's newest non-contact biometric product that offers a combination of iris and facial recognition technology. It automatically recognizes face and iris. The large capture volume enables more convenient use. Enhanced security achieved by applying Secure Boot. Open Android Platform provides for third party application development.

IRIS ID
Advanced Identity Authentication™

COLOR ID

Features

Multimodal (IRIS, FACE)
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
Increased security development with a new algorithm to detect color lenses, printed eyes and finely crafted phantom eyes.

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
Thoroughly tested and found to fall well within UL and ANSI eye safety standards and always meets or exceeded all US and international eye safety requirements. 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)	8cm x 14cm x 3cm (17" x 5" x 1")		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. 30watt		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 Only, Face Only ,Face+Iris Fusion, Face and or Iris		Connectivity	Ethernet or Wi-Fi (optional) Relay
User Capacity	Up to 5,000 1:N, 100,000 1:1 users		Certifications	CE, FCC, KC, Eye Safety, UL294
Transactions	Number of transaction logs on device DB: 1M (Iris) / 100,000 (Face)		Operating Range	Iris Camera: 30 ~ 60cm (12~24") / Face Camera: 30~80cm max (12~32")
Encryption	AES256		Temperature	Operating: 32 ~ 113°F (0 ~ 45℃) / Storage: -4 ~ 194°F (-20 ~ 90℃)
1 Port	USB 2.0			

Installation

Center of Camera Unit
61"(155cm)

Surface Mount bracket
56.3" (143cm)

Note
Camera can be installed at a height which accommodates the local population.

Floor

72"(182cm)
50"(127cm)
Measurable range

24"(60cm)   12"(30cm)
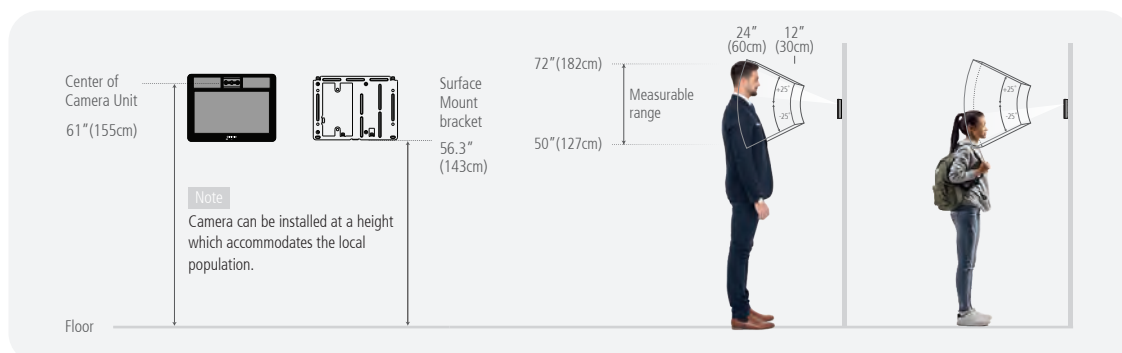
IrisTime™ Solution

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, 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. Iris ID provides a device application environment SDK and App. 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

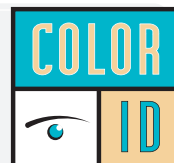Time & Attendance   Laboratory   Buildings   Healthcare   Manufacturing   Construction

IRIS ID