

iT 100

Face & Iris Recognition



Time Clock for the Modern **Workforce**



iT100



iT100-AMP/AMD



iT100-THM



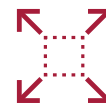
Iris - Face
Fusion Identification



Counter
Measures



Advanced
Security



Enhanced
Capture Range



Open Android
Platform

The iT100 is Iris ID's latest non-contact biometric device integrating both iris and facial recognition technologies. It enables automatic identification using the iris, face, or both, offering a large capture volume for greater flexibility, speed, and convenience. Enhanced security is ensured through Secure Boot, while the open Android platform provides opportunities for third-party application development.

IrisTime™

Features



Iris & Face Fusion

Operates in Iris only, Face only, Iris and/or Face, Iris-Face 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.



Enhanced Capture Range

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 irises and face simultaneously at the same distance.



Non-Contact & Easy Authentication

Automatically captures faces and irises up to 24 inches (60cm).



Standards Compliant

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



Advanced Security

Supports comprehensive data encryption, advanced network security, and secure boot.



Open Android Platform

Open Android Platform provides for third party application development.

Specifications

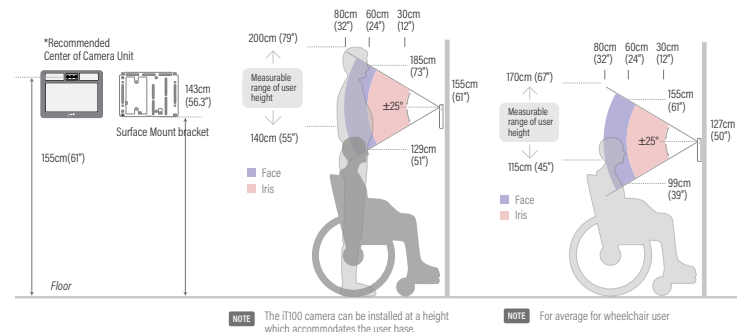
Dimensions (W x H x D)	180mm x 140mm x 30mm (7.1" x 5.4" x 1.2")
Weight	543g (1.2lbs)
Type	Walk-up
Power Input	12 – 24 VDC (auto - +/- 500 mv ripple voltage industry standard) / Max 30watt
OS	Android OS
User Interface	Self-guidance with displayed images on LCD
Operation	All combinations of Iris, Face, Iris & Face Fusion, Card
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	AES-256
USB	1 Port Type A

Matching Speed	Less than 1 second
Tilt	Auto Range, -25° – +25°
Languages	Support multiple languages and characters simultaneously
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°C – 45°C (32°F – 113°F) / Storage: -20°C – 90°C (-4°F – 194°F)
Connectivity	Ethernet or Wi-Fi (optional)
Interfaces	Weigand, GPI, Serial, Relay, Attachment Module (AT-1), Thermal Camera (THM-1)

Models

Model	Touchscreen LCD	PoE+	Wi-Fi	Prox 125kHz	MIFARE®/DESFire® 13.56MHz	Wiegand
iT100	✓	---	---	---	---	✓
iT100-AMP	✓	✓	✓	✓	---	✓
iT100-AMD	✓	✓	✓	✓	✓	✓
iT100-THM with thermal sensor	✓	---	---	---	---	✓

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 iT-MS 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



Access Control



Healthcare



Manufacturing



Construction

IRIS ID AUTHORIZED RESELLER



Iris ID Systems, Inc.

8 Clarke Drive, Cranbury, NJ 08512, USA

Tel. 609-819-IRIS(4747) Fax. 609-819-4736

www.irisid.com

© Iris ID Systems, Inc. All rights reserved. Design and specifications subject to change.

