

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

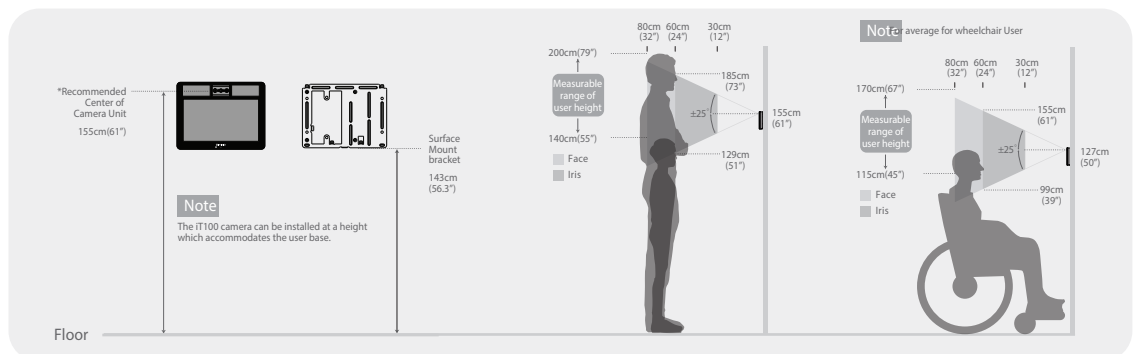
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IRIS / FACE Fusion
 Operates in Iris only / Face only / and, or, fusion mode. Select and use according to the biometric security environment.
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Countermeasures
 A proven set of anti-spoof measures 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.
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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").

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Simultaneous Biometric Capture
 Automatically captures dual iris and face at the same distance.
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Non-Contact Authentication
 Automatically captures faces and iris naturally up to 24 inches or 60 cm.
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Eye Safety Certified
 Tested and meets UL, ANSI, and international eye safety standards.
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Advanced Security
 Information is encrypted, Secure Boot platform and Advanced Network security.
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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	Languages	Support multiple languages and characters simultaneously
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 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 °C (32 ~ 113°F) / Storage: -20 ~ 90 °C (-4 ~ 194°F)
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



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