UltraMatch

Standalone Iris Recognition System

UltraMatch series products own a stylish design and robust performance. Adopting BioNANO algorithm, the system provides the most accurate, stable, and quickest iris recognition while delivering high-level security in biometric enrollment, individual identification, and access control.

Key Features

- Linux OS
- Dual-Core 1GHz CPU
- 150-2000 Users, 50000 Records
- OLED Screen
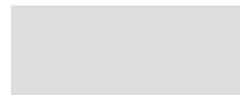- RS485, TCP/IP
- Online Registration
- Inbuilt Webserver
- Wiegand Out
- RFID
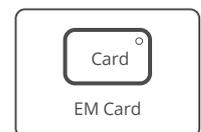- WiFi
- PoE(Optional)

Applications

Customs

Airport

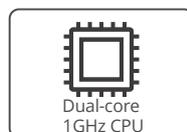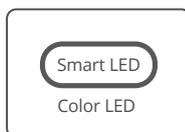Law enforcement agency

Financial institutions

Medical institutions

Biometric Recognition Technology

Smart LED
Color LED

Dual-core 1GHz CPU

Mobile Management

Access Control Equipment

Card
EM Card

CE   FC   RoHS COMPLIANT
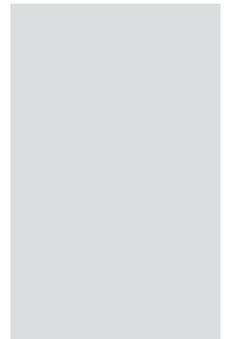
Model Line

	Model	S1000	S2000
Capacity	Number of user	150	1,000
	Log Capacity	50,000	100,000
Feature	Iris Capture	Single Iris Capture	Dual Iris Capture
	Capture Time	<2s	<1s

Technical Specifications

Inferface	Comm.	TCP/IP, RS485, Wifi
	I/O	Wiegand 26/34, Anviz-Wiegand Output
Feature	Identification Mode	Iris, Card
	Image Format	rogressive Scan
	Web Server	Support
	Wireless working mode	Access Point(Only for mobile device management)
	Temper Alarm	Support
	Eye Safety	ISO/IEC 19794-6(2005&2011) / IEC62471: 22006-07
	Software	Anviz Crosschex Standard Management Software

Hardware	CPU	Dual Core 1GHz CPU
	OS	Linux
	LCD	Active Area 2.23 in.(128 x 32 mm)
	Camera	1.3 Million Pixel Camera
	RFID Crad	EM ID, Optional
	Dimensions	7.09 x 5.55 x 2.76 in.(180 x 141 x 70 mm)
	Temperature	-20°C to 60°C
	Humidity	0% to 90%
	Power	DC 12V 2A

Unparalleled User Experience

▸ Visual Indication

Three color LED indicators prompt the user to place their eyes at the correct distance from the device, making the user experience easy and comfortable.

▸ Fast comparison

With BioNANO algorithm, the system identifies people in less than a second, and processes up to 20 people per minute.

▸ Wide Applicability

The UltraMatch works in all lighting environments, from bright illumination to total darkness. The system supports all eye colors.

Brown   Blue   Green

The UltraMatch can identify subjects even when they are wearing eyeglasses, most sunglasses, most types of contact lenses, and even face masks.
Iris recognition is more suitable than other biometric identification in certain environments. If one has a worn or injured fingerprints or wear gloves, the UltraMatch is better than fingerprint devices.

Sunglass   Glass   Veil   Mask