

Multimedia Terminal

OA1000 Mercury

Multimedia Fingerprint & RFID Terminal

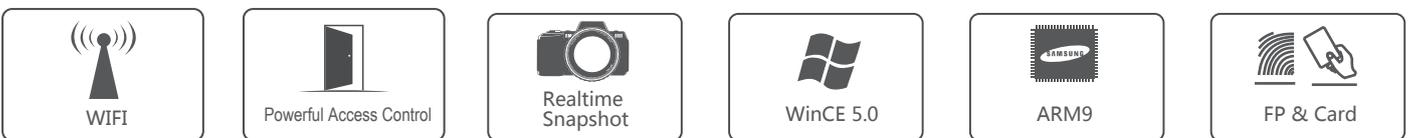


High Definition, Embedded WinCE OS

OA1000 Mercury is a genuine breakthrough by Anviz in biometric identification terminals, which fully integrate fingerprint identification, RFID, camera, wireless, multimedia and embedded system technology. Utilizing 3.5 inch industrial TFT true color LCD, Samsung 400MHz Arm9 high speed processor and Windows CE operation system as well as Lumidigm's multispectral imaging sensors. Lumidigm multispectral fingerprint sensors capture fingerprint data beneath the surface of the skin so that dryness or even damaged or worn fingers create no problems for reliable reads. As a result, Anviz biometric readers using Lumidigm sensors can scan through dirt, dust, high ambient light, water and even some latex gloves. OA1000 Mercury can be used in all applications where fingerprint identification is required especially in governments and large-scale enterprises as well as places where high security level is a must.



Fast fingerprint scan in less than 0.5 second



Feature

- Lumidigm Mercury multispectral fingerprint sensor. Can scan through dirt, dust, high ambient light, water and even some latex gloves
- Samsung 3.5 inch industrial TFT LCD of high brightness
- Samsung 400MHz Arm9 high speed processor
- USA BioNano core algorithm platform
- Embedded WinCE 5.0 operating system
- 10 number key, 5 function key, 6 user defined function key, 4 status key and 1 navigation key
- Multiple identification method: fingerprint, card, fingerprint + card, ID + fingerprint, ID + password, card + password
- Customizable voice prompt and time attendance status. Display user picture, personal and public message
- User can select local language in the menu
- 3 million pixel camera, speaker, microphone, 1 USB and 1 RJ45 interface
- Support TCP/IP, RS232/485, USB Host, 2G TF card, optional WIFI inbuilt
- Standard RFID card reader, optional Mifare or HID card reader
- Optional SC021 or SC822 access controller for separate type secure access control system
- Support realtime record download, online monitor, remote access control, and server identification etc

Parameter

Item	Description
Operating System	WinCE
Camera	3 Million Pixel Camera
Algorithm	BioNANO V10
Sensor	Lumidigm Mercury multispectral fingerprint sensor
LCD	Samsung 3.5 Inch TFT Display
Fingerprint Capacity	3000/5000
Log Capacity	>50000
Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
Identification Time	<0.5 Sec
FRR	0.001%
FAR	0.00001%
Communication Interface	TCP/IP, RS232, USB HOST, Relay Out, Wiegand In&Out, Optional WIFI
Card Reader Module	EM RFID, Mifare and HID
Workcode	Yes
Short Message	50
Scheduled Bell	30
Self-service Record Inquiry	Yes
Door Sensor	Yes
Operating Voltage	DC 12V
Size	180(W)*137(H)*40(D)mm
Temperature	-10 C~40 C
Certificates	FCC, CE
Applicable Situation	Up to 1500/2500 Users

Works For All People In All Conditions



The Real World is Wet



The Real World is Cold



The Real World is Dry



The Real World is Rough

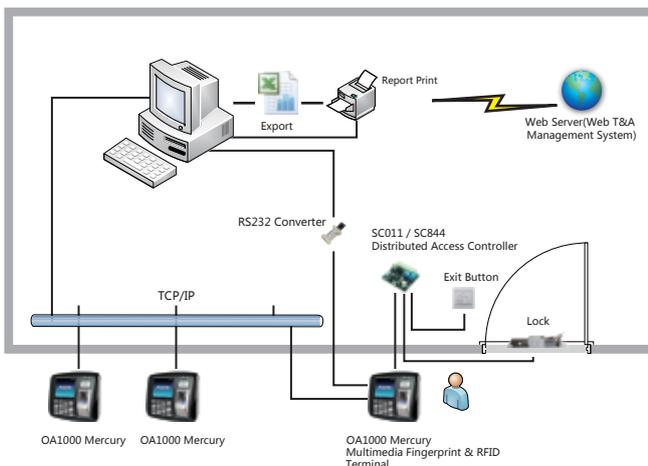


The Real World is Diverse



The Real World Wears Gloves

Topology



AIM Standalone Access Control

AIM SAC is standalone access control software which integrates time & attendance and access control function. Able to directly control access control machine, also could through the security module for linkage installation. It is a good assistant to have a quick setup of separate entrance guard system. Also integration time attendance function meet different client requires.

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Due to the consistent improving of the product, this specification and appearance is subject to change without notice.