



BioNANO - The core algorithm

BioNano is applied in all Anviz biometric-based products used for identification.



- Independent research and development
- Suitable for both wet and dry fingers
- Automatically heals the broken lines in fingerprint images
- Extraction of features in worn fingerprints
- Fingerprint template auto update

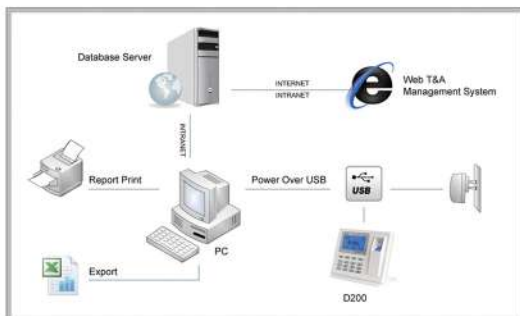
Technical Specifications

Item	Description
Processor	32-bit High Speed CPU
Algorithm	BioNANO
Sensor	AFOS
Scan Area	22mm*18mm
Resolution	500DPI
LCD	128*64 Blue LCD
Fingerprint Capacity	2,000
Log Capacity	50,000
Identification Mode	FP, ID+FP, ID+PW, FP+PW
Identification Time	<0.5 Sec
FRR	0.001%
FAR	0.00001%
Communication Interface	Mini USB
Fingerprint Image Display	Yes
Self-defined Status	8
Workcode	Yes
Dimensions(WxHxD)	160 x 130 x 90mm(6.3x5.12x3.54")
Temperature	-30℃ ~60℃
Operating Voltage	DC 5V
Battery	Internal 1100mAH Battery
Certificates	CE, FCC, RoHS
Software	Aim Lite


Features

- ▶ Desktop design for offices
- ▶ Texas Instruments 32-bit high speed CPU of low power consumption
- ▶ BioNANO core algorithm of high speed and stability
- ▶ New generation fully sealed, waterproof and dustproof AFOS Optical fingerprint sensor
- ▶ Clear voice prompts along with all operations
- ▶ Mini USB communication
- ▶ Power over either USB or DC 5V
- ▶ Employee authentication methods: ID + PW, ID + FP, FP only
- ▶ Fast fingerprint scan in less than 0.5 second
- ▶ 8 different customizable time and attendance status
- ▶ 6-digit work code feature to calculate different job cost
- ▶ Support multiple display and software language

Topology



AIM Lite software

AIM

Intelligent Management Lite

AIM Lite is a simple version Time and Attendance software. With the most simple and intuitive user interface to achieve the daily work behavior, including the personnel management, time setting, and simple report output etc. Functions. The first choice for basic users. Especially those of shortage of the basic office staff time, could use directly without training.

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