

High Performance Face & Fingerprint Terminal

VIR-AC7000 is the latest access controller with fake finger detection and a tilt camera which automatically detects a face within 3m. Its 5-inch LCD touch screen and friendly Android application greatly enhance device management and user convenience. The storage capacity is expandable by external SD card



Face & fingerprint terminal
VIR-AC7000

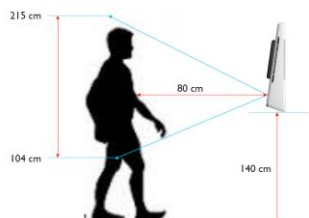
VIRDI



The Viridi VIR-AC7000 is capable of storing as many as 60,000 face shots. But capacity needs to be matched with processor power. Each face shot is a complex biometric data and requires a workhorse CPU to handle the recognition. This is why the VIR-AC7000 is powered by a 1GHz Quad Core CPU.

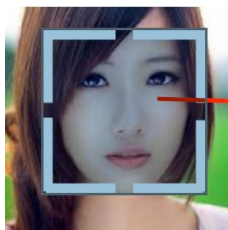
Main features

Face recognition using auto tilt camera

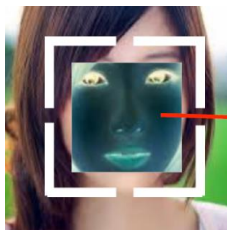


Expansion of face recognition range per user's height
No need to bend your back and knees

Infra-Red LED High Quality Face Image



Face Detection
Using Normal image



Face Recognition
Extraction Using IR image

Live and fake finger detection

Security is only as good as the intelligence of the sensor. Viridi's patented optical sensor and algorithm detect fake fingerprints reproduced on paper, film, silicone and rubber. It will be futile to try to fool the Viridi fingerprint scanner.



Silicone



Rubber



Film



Paper



Gelatin

Continuous audit trail.



The memory of the VIR-AC7000 is expandable by SD card, allowing storage of up to 2 million transaction logs per device. For most enterprises, this means many months or even years of logs for audit and investigation purposes. For highly-sensitive access control, the VIR-AC7000 is the ideal biometric device simply because of the long-keeping transaction logs.

5" LCD Touch Display



The VIR- AC7000 is fitted with a large 5-inch Color LCD touch screen. The brilliant display allows device administrators easy access to all the settings without using keypad. The configuration is intuitive with the touch screen and the device can be setup much quicker.

User interface



Terminal configuration



TECHNICAL SPECIFICATIONS

CPU	1GHz Quad Core
LCD	5.0 inch Touchpad LCD(480*800)
Camera	Tilted Dual Camera (Color & IR)
Flash / RAM	Flash 4G + MicroSD 8G Bytes / 1GBytes
User Capacity	250,000 User / 250,000 Card / 500,000 Finger (1:25,000) 10,000 Face (1toN 2,000) 10,000,000 Log / 20,000 Image Log
Log Capacity	2,000,000 Logs 20,000 Image Logs
Voice / Beep	Sounds volume control, Supports multiple languages
Operation Mode	Face, Fingerprint, Card, PIN
Fingerprint Module	FAS04 (20*20 mm / 400*400 pixel / 500DPI) PIV certificated fingerprint sensor
Fake Fingerprint Detection	Silicone, Rubber, Film, Paper, Gelatin
Card Reader Option	125KHz RF / 13.56MHz Smart Card(1 Sam Socket) HID 125K Prox card (Option) / HID iClass Card (Option)
External SD Card supported	Data Backup / FW Upgrade
Illuminance Sensor	If illumination is low, it is saved an image log as IR image for identifiable.
Communication Interface	TCP/IP(10/100M), RS-485, RS-232, Wiegand In & Out
Server Coupling	O (with the Unis Server)
Anti-Passback	O (when using the Unis Server)
Lock Control	EM, Strike, Motor Lock, Auto Door
I/O	4 In(1 Exit, 3 Monitor), 2 Out (Combination with Lock Control)
Operation System	Android
Power	12 ~ 24VDC
Dimension (W)x(H)x(D)mm	149.5 x 208.5 x 46

