



AC 6000



Manufactured by **UnionCommunity** (South Korea) the **VIRDI** range of Biometric Terminals are high-end Access Control, T&A and Meal Management systems.

Utilising patented technologies **VIRDI** is one of the most popular and secure Biometric Terminals available in the world.

- * **Worlds Highest Ranked Extraction & Matching Algorithm as determined by the FVC Ongoing**
- * **Patented Live & Fake Fingerprint Detection**
- * **Patented Fingerprint Sensors**
- * **Patented Communication Protocol**

VIRDI Distribution SA (Pty) Ltd adds accessories and knowledge that is unique to the African Continent and its installation requirements

The **AC 6000** is the flagship Biometric Terminal from **VIRDI**. It is utilised in areas where high levels of security are required or where large numbers of users are present. The AC 6000 is unique in its functionality and features and is available in 125KHz RFID or 13.56MHz Smart Card models

Features:

- * **4.8" LCD Colour Touch Screen**
- * **1.3 MP Digital Camera**
- * **100 000 Card Users**
- * **Maximum 30 000 fingerprint users (1:N)**
- * **500 000 Event Log**
- * **12 500 Photo Log**
- * **USB Port for off-line up and downloading of logs**
- * **1 / 10 000 1:N fingerprint template comparison in under 1.5 sec**
- * **Face Recogniser Function**
- * **Dual Fingerprint Access Function**
- * **Up to 60 Function Keys via Touch Screen**
- * **Customisable Background**
- * **Two-Wire Intercom Functionality**

The **AC 6000** connects to the **UNIS** Access Control and Template Management software suite for full Access Control, T&A and Meal Management Functionality via Structured Premise Cabling (Cat 5a or Cat6) on a TCP/IP network

Accessories:

- | | | |
|----------------|---|---|
| BLC-015 | - | Single door controller. Secure Relay, Lock Control, Power Supply and Battery Charge Circuit with drop-out protection |
| ACC420 | - | Secure External Relay Circuit with 26bit Wiegand Interface |
| EB-030 | - | No Touch Capacitive Exit Request Sensor |
| ACC220 | - | Horizontal Robust Enclosure |

This unit is not to be used in environmentally challenging applications
Use Surge Protection on 12VDC, Lock Control and TCP/IP Line



AC 6000 Specification

Type		Biometric
Ingress Protection		None
Memory	MAX Users Card (Card)	100 000
	MAX Templates	60 000
	MAX Users (1:1)	60 000
	MAX Users (1:N)	30 000
	Recommended Users 1:N	15 000
	Transaction Log	500 000
	Photo Log	12 500
	MAX Access Groups	1 024
	MAX Access Areas	1 024
	MAX Access Times	1 024
	MAX Time Zone	1 024
	Template-on-Card	YES
	Template-on-Card Offline T&A	YES
	Communication	To UNIS
Other		USB
Controller CP-040		RS-485 Secure Protocol
Wi-Fi		Optional
To 3rd Party Devices	Wiegand	26bit / 34bit / Custom
	RS-232	Samsung SRP-350 Printer
	Wiegand	26bit / 34bit / Custom
From 3rd Party Devices	RS-485	NO
	Wiegand 26bit / 34bit / Custom	YES
Card Reader	RFID 125KHz - EM4100	YES
	Smart Card	YES
	Mifare	YES
	Desfire	NO
	HID	YES
Display	LCD	Colour Touch LCD
	Size	4.8"
	Backlight	YES
Built-In Camera		1.3MP Digital
Keypad		Touch Screen
Autoscan		YES
Door Phone Interface		YES
VoIP		Future Development
Function Keys		60
Sensor Type		Optical
Sensing Area		15mm x 17mm
Resolution		500dpi
Verification	1:1	< 0,5 sec
Identification	1:N (1 000 templates)	< 1 sec
Dimension	(W) x (H) x (D) in mm	198 x 120 x 47
Support Slave Reader	SR-100FP	No
FRR / FAR		0,1% / 0,0001%
Power Supply		12VDC
Power Consumption		400 - 700mA