



AC 5000



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 5000** is an IP65 rated Biometric Terminal from **ViRDI**. It is utilised in areas where high levels of security are required or where large numbers of users are present in harsh environments. The **AC 5000** is available in 125KHz RFID or 13.56MHz Smart Card models

Features:

- * **2.8" Colour LCD**
- * **20 000 Card Users**
- * **Maximum 15 000 fingerprint users (1:N)**
- * **61 000 Event Log**
- * **Capacitive Keypad**
- * **PoE**
- * **1 / 1 000 1:N fingerprint template comparison in under 1 sec**
- * **Dual Finger Access Function**
- * **Customisable Background**

The **AC 5000** 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) and 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 |
| ACC210 | - | Vertical Robust Enclosure |
| ACC240 | - | Vandal Resistant Enclosure |
| ACC250 | - | Stainless Steel Sleeve |
| ACC400 | - | Advanced Portable Kit |

Use Surge Protection on 12VDC / PoE, Lock Control and TCP/IP Line



AC 5000 Specification

Type		Biometric
Ingress Protection		IP65
	MAX Users Card (Card)	20 000
	MAX Templates	40 000
	MAX Users (1:1)	20 000
	MAX Users (1:N)	15 000
	Recommended Users 1:N	7 000
	Transaction Log	61 000
Memory	Photo Log	NONE
	MAX Access Groups	512
	MAX Access Areas	512
	MAX Access Times	128
	MAX Time Zone	128
	Template-on-Card	YES
	Template-on-Card Offline T&A	YES
	To UNIS	TCP/IP
	Other	NONE
Communication	Controller CP-040	RS-485 Secure Protocol
	Wi-Fi	NONE
	Wiegand	26bit / 34bit / Custom
	RS-232	Samsung SRP-350 Printer
To 3rd Party Devices	Wiegand	26bit / 34bit / Custom
	RS-485	NO
From 3rd Party Devices	Wiegand 26bit / 34bit / Custom	YES
	RFID 125KHz - EM4100	YES
Card Reader	Smart Card	YES
	Mifare	YES
	Desfire	YES
	HID	YES
	LCD	Colour LCD
Display	Size	2.8"
	Backlight	YES
Built-In Camera		NONE
Keypad		CAPACITIVE
Autoscan		YES
Door Phone Interface		YES
VoIP		NO
Function Keys		4
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	88 x 175 x 44
Support Slave Reader	SR-100FP	No
FRR / FAR		0,1% / 0,0001%
Power Supply		12VDC / POE
Power Consumption		400 - 700mA