



AC -F100



i-UNIS

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-F100** is an entry level Biometric Terminal from **ViRDI** harnessing the power of Smart Phone Technology. It is utilised in areas where common biometric access is required with a moderate amount of users on small and residential type applications. It is manufactured out of die-cast Aluminium and sports an IP65 rating for exterior use. The **AC-F100** is available in 125KHz RFID or 13.56MHz Smart Card models

Features:

- * **1.3MP Digital Camera**
- * **1 000 Card Users**
- * **Maximum 1 000 fingerprint users (1:N)**
- * **1 000 000 Event Log**
- * **10 000 Photo Log**
- * **Wi-Fi**
- * **Direct Connection to iOS and Android Mobile Device**
- * **DDNS Functionality**
- * **1 / 1 000 1:N fingerprint template comparison in under 1 sec**

The **AC-F100** connects to **iUNIS** via Direct PtP connection or DDNS from an iOS or Android Mobile Device or to the **UNIS** Access Control and Template Management software suite for full Access Control via an IEEE802.11 b/g/n wireless AP with. The **AC-F100** has no on-board relays and uses the **BLC-015** for Lock Control

Accessories:

- | | | |
|----------------|---|---|
| BLC-015 | - | Single door controller. Secure Relay, Lock Control, Power Supply and Battery Charge Circuit with drop-out protection |
| ACC260 | - | Vertical Robust Enclosure |
| ACC150 | - | ViRDI 12V Switch Mode PSU |

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



AC-F100 Specification

Type		Biometric
Ingress Protection		IP65
	MAX Users Card (Card)	1 000
	MAX Templates	1 000
	MAX Users (1:1)	1 000
	MAX Users (1:N)	1 000
	Recommended Users 1:N	1 000
	Transaction Log	1 000 000
Memory	Photo Log	10 000
	MAX Access Groups	64
	MAX Access Areas	32
	MAX Access Times	32
	MAX Time Zone	32
	Template-on-Card	YES
	Template-on-Card Offline T&A	YES
	To UNIS	Wi-Fi (TCP/IP)
	Other	NONE
Communication	Controller CP-040 / BLC-015	RS-485 Secure Protocol
	Wi-Fi	IEEE 802.11 b/g/n
	Wiegand	26bit / 34bit / Custom
	RS-232	NONE
To 3rd Party Devices	Wiegand	26bit / 34bit / Custom
	RS-485	NO
From 3rd Party Devices	Wiegand 26bit / 34bit / Custom	NO
	RFID 125KHz - EM4100	YES
Card Reader	Smart Card	YES
	Mifare	YES
	Desfire	NO
	HID	NO
	LCD	NONE
Display	Size	N/A
	Backlight	N/A
Built-In Camera		1.3MP Digital
Keypad		NONE
Autoscan		YES
Door Phone Interface		NO
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	68 x 138 x 37
Support Slave Reader	SR-100FP	NO
FRR / FAR		0,1% / 0,0001%
Power Supply		12VDC
Power Consumption		400 - 700mA