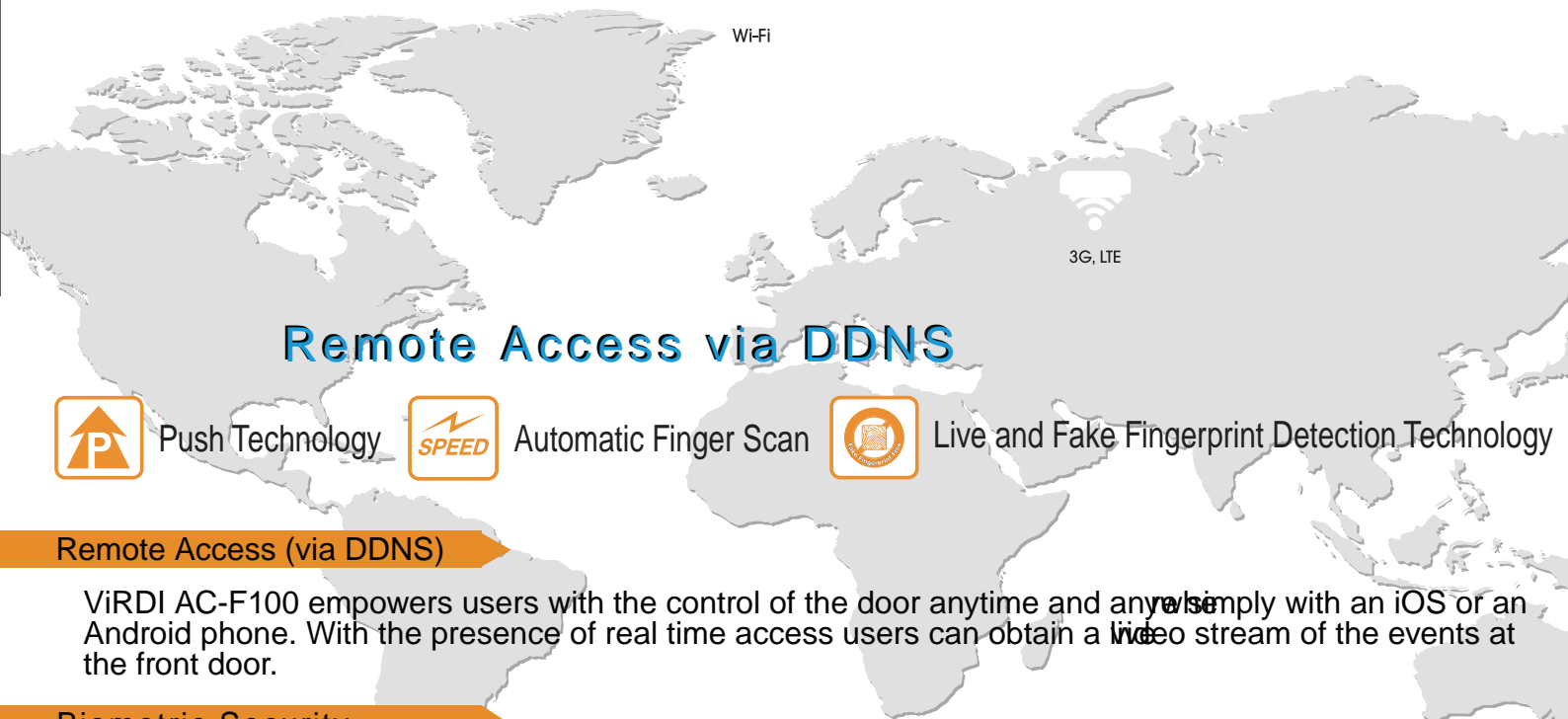




## AC-F100

Convergence of Biometric Access Control  
& Smart Phone Technology



### Remote Access via DDNS

- Push Technology
- Automatic Finger Scan
- Live and Fake Fingerprint Detection Technology

#### Remote Access (via DDNS)

ViRDI AC-F100 empowers users with the control of the door anytime and anywhere simply with an iOS or an Android phone. With the presence of real time access users can obtain a live video stream of the events at the front door.

#### Biometric Security

Detect fingerprints accurately in less than half a second.

#### Keyless Operation

Easy and instant reset. Easy operation of user enrollment, deletion & log management.

#### Surveillance

Built-in camera (1.3MP) provide a live video feed of the person accessing the door straight to your smart phone.

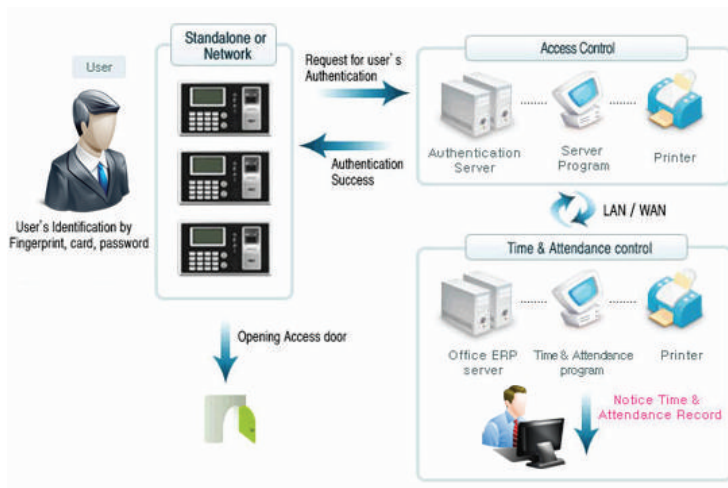
#### Weatherproof

An IP65 rating and has a die-cast aluminium casing, with a protective cover against dramatic weather changes.

#### Fraud Proof

Uses human capacitance sensor, infrared light and an internationally recognized algorithm to distinguish a live human finger from an artificial one.





## Access Control Features

- Define Access Groups
- Access Group Scheduling
- Custom Access Areas & Access Times
- Automatic Email System Alarms/Events
- Blacklist User Management & Anti-Passback
- Flexible Data Selection, Template Management & Enrollment
- Real-Time Monitoring - Terminals use Push Technology with Unlimited Users

## Time Attendance Features

- **Shift Configuration:**
  - Support upto 99 shifts
  - Late or leave early
  - Upto 5 breaks per shift
  - Shift can be spread across two consecutive days
  - Start and end time
  - Multiple shifts per day
  - Flexible shift schedules
- **Reports:**
  - Summary reports (late, early, absenteesm, break time)
  - Output to payroll
  - Custom report layouts
  - Transaction reports
  - Auto process transactions



Specifications for AC-F100					
Type	Biometric		Card Reader	RFID, 12KHz - EM 4100	Yes
Weatherproof	IP 65			HID	No
Memory	MAX Users	1000		Mifare	Yes
	MAX Fingers	1000		DESfire	Yes
	Transaction Logs	1,000,000		Mifare Template Stored on a Card	Yes
	Photo Logs	10,000	Keypad		Touch Screen
Communications	To Management Software	Wifi (TCP/IP)	Function Keys		Yes - 4
	Other	No	Auto Scan		Yes
	Wifi	Yes	Door Phone Interface		No
To 3rd Party Devices	Wiegand	Yes	Sensor Type		Optical
	RS 232	No	Sensing Area		15 x 17mm
	RS 485	Yes	Resolution		500 dpi
From 3rd Party Devices	Wiegand (24bit,32bits)	No	Verification	1:1	< 0.5 sec
Display	LCD	No	Identification	1:N (1000)	< 1 sec
	Size	N/A	Dimension	(W) x (H) x (D) in mm	68 x 138 x 37
	Backlight	N/A	Support Slave Reader (SR-100FP)		No
Built-in Camera	Yes		FRR/FAR		0.1% / 0.0001%