

# Fingerprint Authentication Door Lock

A convenient and safe fingerprint door lock with a built in thermal sensor to open a lock automatically on fire, and a strong resistance against ESD and electric shock, and of course, no requirement for carrying a card or key.

## VIRDI 450FP

### General features

- Access authentication by fingerprint, PIN or mechanical key
- Built in thermal sensor for automatic unlocking
- Strong resistance against electric shock
- Max user storage capacity: 100 users
- Waterproofing level of IPX4 approved
- Aluminum die-casting against vandalism
- Warning signal for battery replacement
- Automatic re-locking function
- Home and office mode for enrollment management

### Specification

Items		VIRDI 450FP
Built-in door knob		No
Door thickness		40 ~ 50mm
Lock type		Motor Lock
Power supply		1.5V AA type Alkaline 4EA
Battery life span		Approx. 6 months (20 times per day)
Template capacity		200
Operating environment		-20 ~ 50° / Lower than 90% RH (Non-condensing)
Standard compliance		CE,FCC, IPX4
Sensor type		Optical
Resolution		500 dpi
Identification (1:N) time		< 1 sec
FRR / FAR		0.1% / 0.0001%
Material	External body	Aluminum die casting
	Internal body	Zinc alloy
	Battery cover	ABS plastic
Dimension	External body	65(W)×200(H)×33(D) mm
	Internal body	111(W)×183(H)×43(D) mm

### Comparison Table

		VIRDI 450FP
Lock type		Motor Lock
Door knob		No

