

Install and Operation Instructions SYRDF6-P Fingerprint Reader

Wiegand™ & RS485 Dual Interface



SYRIS Technology Corp.

ADD : 21F-2, No. 12, Sec. 1, Taijunggang Rd.

Tai chung, Taiwan (403)

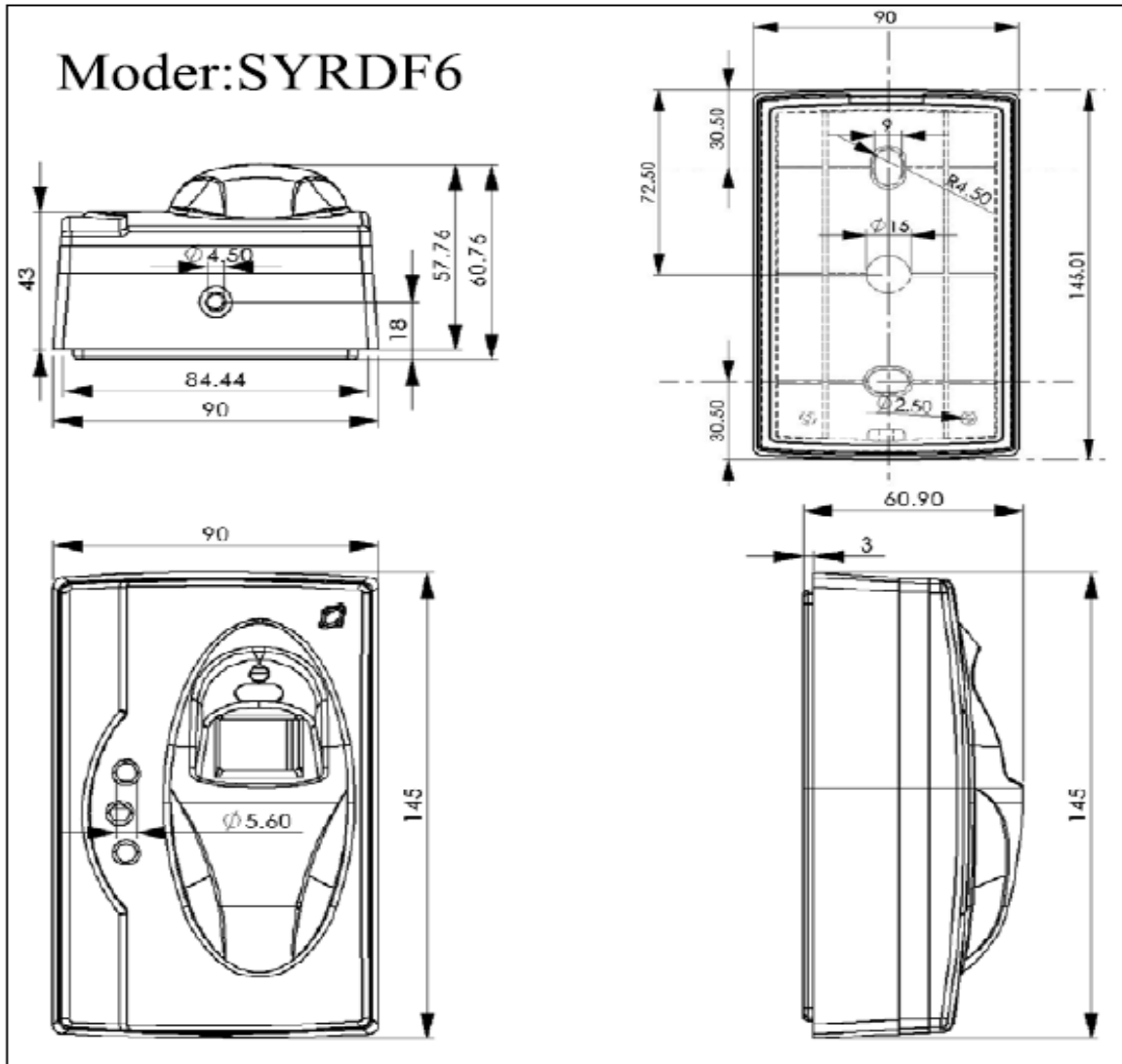
TEL : +886-4-2207-8888

FAX : +886-4-2207-9999

E-Mail : service@syris.com

Website : <http://www.syris.com>

SYRDF6-P Mounting Plate



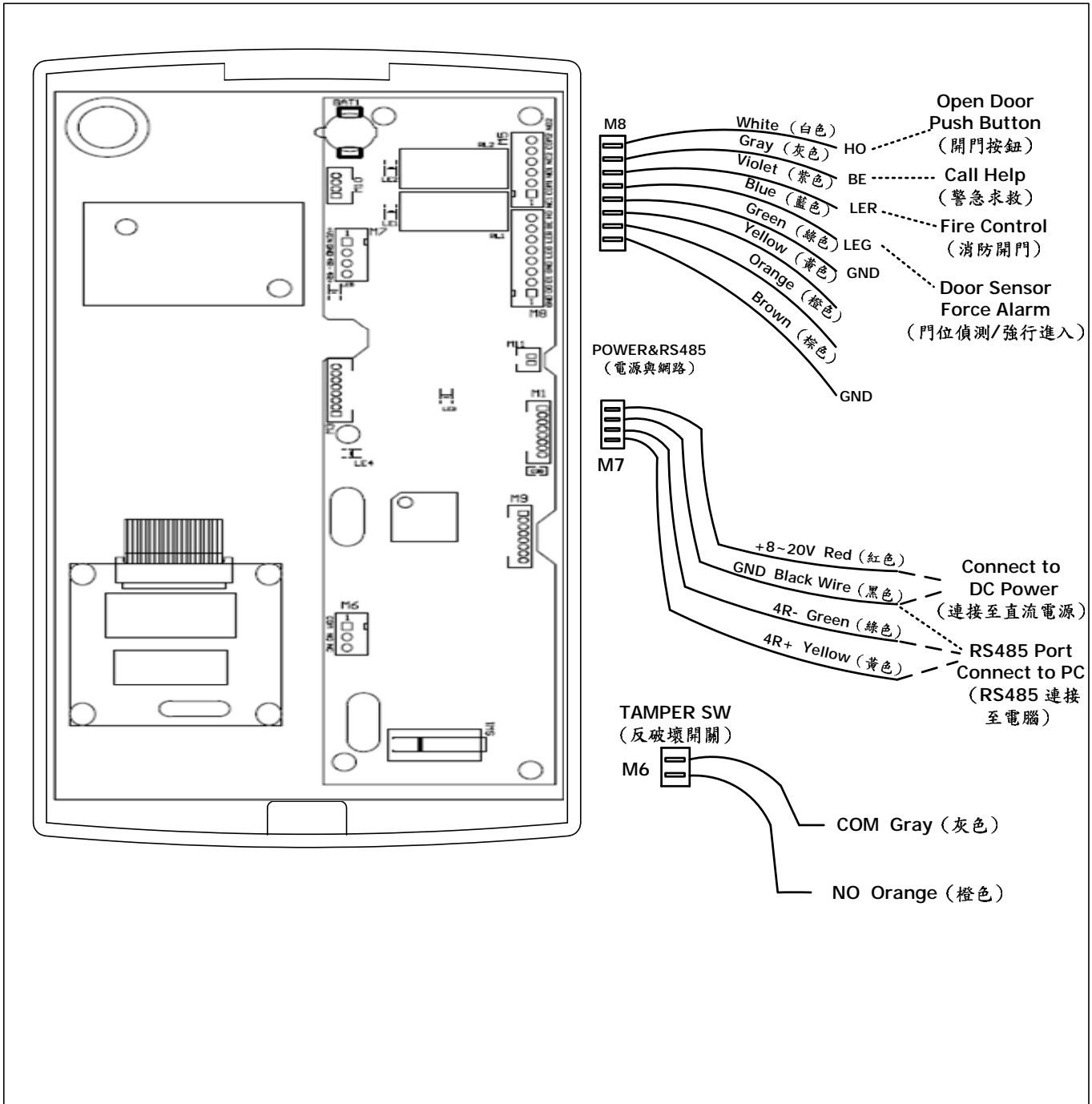
SYRDF6-P Specification:

Items / Specs	SYRDF6-P	SYRDF6-PM1
Number of fingerprint	9,000	
Fingerprint sensor	Optics-based	
Card type	TEMIC / EM(125KHz)	Mi fare (13.56MHz)
Read range*	3 ~ 10 cm	3 ~ 7 cm
ID	1 - 99	
Card read time	0.2 sec (typical)	
Fingerprint read time(300 enrolled)	2 sec (OK) ; 5 sec (BAD)	
Fingerprint read time(1,000 enrolled)	3 sec (OK) ; 8 sec (BAD)	
FAR	< 0.001%	
FRR	< 0.01%	
Indicator	3 LED	
Output interface	RS485 formats and Wiegand™ formats	
Wiegand™ formats	Wiegand™ 26 bits · 34 bits · 42 bits formats	
Baud rate	19,200 bps (4,800 · 9,600 · 19,200 · 38,400 · 57,600 · 115,200 · 230,400)	
Color	Gray	
Operating temperature	-20 °C to 55 °C	
Storage temperature	-30 °C to 70 °C	
Power supply input	8V to 20V DC	
Dimensions (mm)	91 W x 146 H x 61 D	

* This specification is preliminary and is subject to change without prior notice

* Reading range is subject to card type, site interference and antenna specs for more information

SYRDF6-P Wiring Diagram



- * Power supply should be regulated linear power supply.
- * Your system must have a single earth ground point.
- * The shield must run continuous throughout the installation.