

ADON Fingerprint Reader



❖ SYRDF5



❖ SYRDF6

>>> Feature

- Proximity (2,000 cards) and fingerprint (1,000 templates) verification.
- Chip-based sensor for liveness capturing of 3D fingerprint minutiae.
- High accuracy and speed of Fingerprint identification.
- High speed digital conversion and classification. (1:N)
- High protection of scratch and ESD. (Electro Static Discharge)
- Compact design and elegant faceplate.
- Distinguishable audiovisual indication of tri-color LED and multi-tone beeper which can also be controlled individually by the host system.
- Tamper switch built-in for vandal resistance.
- Self-test on reader power-up to verify the setup configuration and initialize reader operation.
- Stand alone (Add/Del. Fingerprint enrolment via master card) or compatible with ADION NT series controller.

SPECIFICATION

Items / Specs	SYRDF5	SYRDF6
Number of fingerprint	1,000	1,000
Card (Transponder)	TouchChip	Optics-based
Dimensions(mm)	83W x 121H x 42.2D	86W x 142H x 38D
Fingerprint sensor	ADION card (EM/Temic compatible), Option 13.56MHz Mifare1	
Read range*	3cm ~ 10cm (Mifare:3cm~7cm)	
Card read time	0.2 sec (typical)	
ID	1-8 or 01-99	
Fingerprint read time (300 enrolled)	2 sec (OK) : 5sec (BAD)	
Fingerprint read time (1,000 enrolled)	3 sec (OK) : 8 sec (BAD)	
FAR	< 0.001%	
FRR	< 0.01%	
Indicator	3 LED	
Tamper switch	Built-in	
Output interface	RS 485 formats and Wiegand™ formats	
Wiegand™ formats	26 bits / 34 bits / 42 bits format	
RS485 formats	24 bits / 32 bits / 64 bits format	
Baud rate	19,200bps (4,800bps ~ 230,400 bps)	
Color	Gray	
Operating TEMP. / Storage TMP.	2°C to 55°C / -30°C to 70°C	
Power supply	8V to 20V DC	

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

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



Ordering information

Item	S2- Type	M1- Frequency	GSY Color
SYRDF5	S2 TouchChip sensor	-- 125KHz	GSY gray
SYRDF5	S2 TouchChip sensor	M1 13.56MHz	GSY gray
SYRDF6	P Optics-based sensor	-- 125KHz	GSY gray
SYRDF6	P Optics-based sensor	M1 13.56MHz	GSY gray

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