

ADON 13.56MHz Reader



❖ SYRDS5-M1 ❖ SYRDK5-M1 ❖ SYRDL5-M1

Feature

- 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.
- Potted (solid epoxy) electronics (tamper switch) protect against vandalism and harsh weather for indoor/outdoor design.
- Self-test on reader power-up to verify the setup configuration and initialize reader operation.
- ISO14443 type A compatible, optional ISO14443-A/B, 15693.
- The ability to read 32 bits MIFARE serial number.
- Highly secure 64 bit diversified keys for mutual authentication.
- Weather resistant.

SPECIFICATION

Items / Specs	SYRDS5-M1	SYRDL5-M1	SYRDK5-M1
Read range*	2cm~8cm	2cm~6cm	2cm~8cm
Dimensions(mm)	83W x 121H x 29.5D	44W x 88H x 20D	83W x 121H x 29.5D
Keypad input	--	--	17 Keypad
Back light	--	--	Green LED
Frequency	13.56MHz		
Card (Transponder)	Mifare series (optional ISO14443-A/B, 15693)		
Card read time*	0.1 sec (typical)		
Output interface	RS485 format and Wiegand™ format		
Wiegand™ formats	26 bits / 34 bits / 42 bits format		
RS485 formats	24 bits / 32 bits / 64 bits format		
Communication port	RS485 x 1		
Baud rate	19,200bps (4,800bps~115,200bps)		
Indicator	3 LED		
Weather proof	YES		
Power supply	8V to 15V DC		
Humidity	10% to 95% (Non-condensing)		
Operating TEMP. / Storage TEMP.	-20°C to 70°C / -30°C to 80°C		
Color	Beige / Gray		

*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	S5- Type	M1- Frequency	BSY Color
SYRD	S5	13.56MHz	BSY(Beige) / GSY(gray)
SYRD	L5	13.56MHz	BSY(Beige) / GSY(gray)
SYRD	K5	13.56MHz	BSY(Beige) / GSY(gray)

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