



## SYRIS 125KHz Reader



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Feature

- Compact design and elegant faceplate.
- Distinguishable audiovisual indication of tri-color LED (exclude SYRDS1) and multi-tone beeper which can also be controlled individually by the host system
- A choice of 2 colors (Beige or Gray) with a 20cm cable pigtail.
- Potted (solid epoxy) electronics (tamper switch) protect against vandalism and harsh weather for indoor/outdoor design.
- Mounting on standard single gang electrical switch box for easy installation.
- Compatible with Wiegand™ 26/34/42 bits and RS485 format, or user format is available.
- Self-test on reader power-up to verify the setup configuration and initialize reader operation.
- All RF data transmission between the card and reader is encrypted.
- Optional PIN authorization and Call keypad function (SYRDK5 only).

◆ SYRDL5
◆ SYRDS5
◆ SYRDK5
◆ SYRDS1
◆ SYRDUS

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SPECIFICATION					
Items / Specs	SYRDS1	SYRDS5	SYRDL5	SYRDK5	SYRDUS
Read range*	5cm-15cm	5cm-18cm	5cm-12cm	5cm-18cm	5cm-12cm
Dimensions(mm)	75Wx115Hx15D	83Wx121Hx29.5	44Wx88Hx20D	83Wx121Hx29.5	107Wx138Hx30D
Keypad input	--	--	--	17 Keypad	--
Indicator	1LED(dual color)	3 LED	3LED	4LED	4LED
Frequency	125KHz				125KHz
Card (Transponder)	SYRIS card (EM / Temic compatible)				EM/Temic
Card read time*	0.1 sec (typical)				0.1 sec (typical)
Output interface	RS485 format and Wiegand™ format				USB / RS232
Wiegand™ formats	26 bits / 34 bits / 42 bits format				--
RS485 formats	4 bits / 32 bits / 64 bits format				--
Baud rate	19,200bps (4,800bps-115,200bps)				--
Weather proof	YES				--
Power supply	8V to 15V DC				8V to 15V DC
Humidity	10% to 95% (Non-condensing)				--
Operating TEMP.	-20°C to 70°C				-20°C to 70°C
Storage TEMP.	-30°C to 80°C				-30°C to 80°C
Color	Beige / Gray				Beige

\*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.  
 \* SYRDUS can read Prox. card no. for your software development, which means it's applicable for SYFPW/SYSOFT but excluding SYW95A/SYBASE.

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