

Install and Operation Instructions SYRDS5 Proximity Reader

Wiegand™ & RS485 DUAL INTERFACE



SYRIS Technology Corp.

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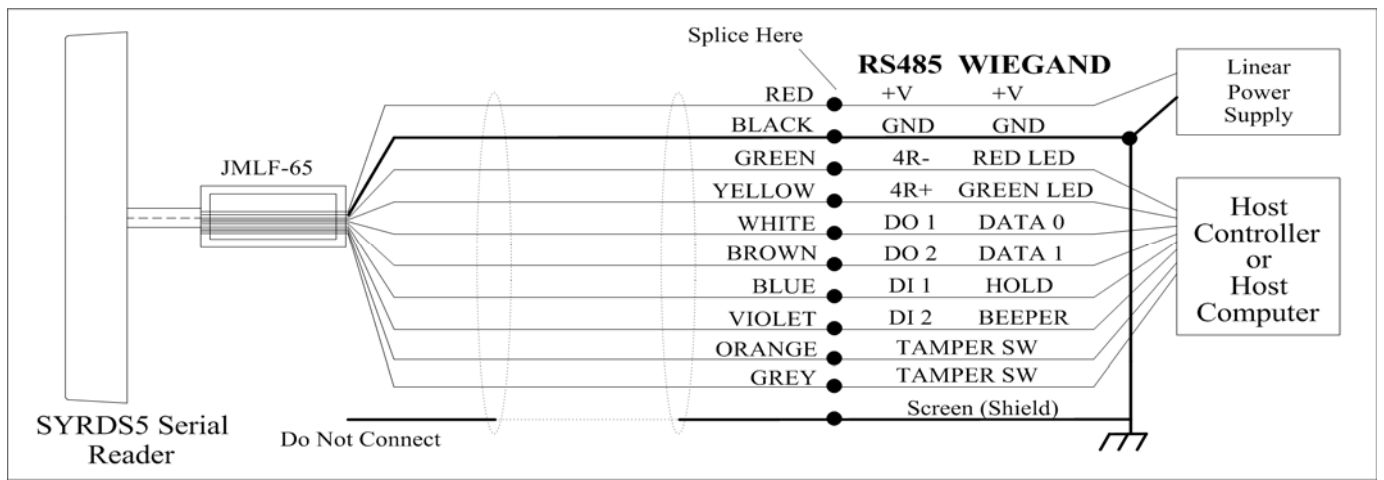
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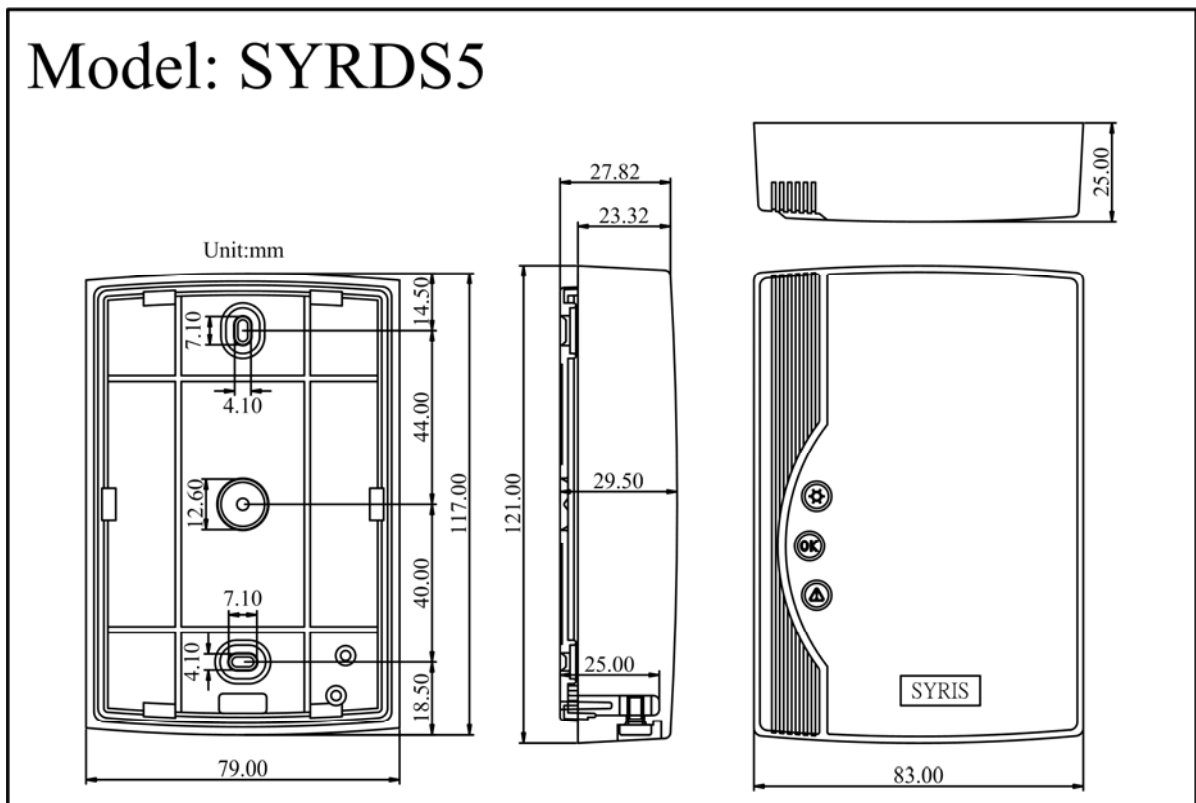
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- * Power supply should be regulated linear power supply.
- * Your system must have a single earth ground point.
- * The shield must run continuous throughout the installation.



SYRDS5 Serial Proximity Reader Specification

Water resistant, high security, high durability, and low identification error rate.

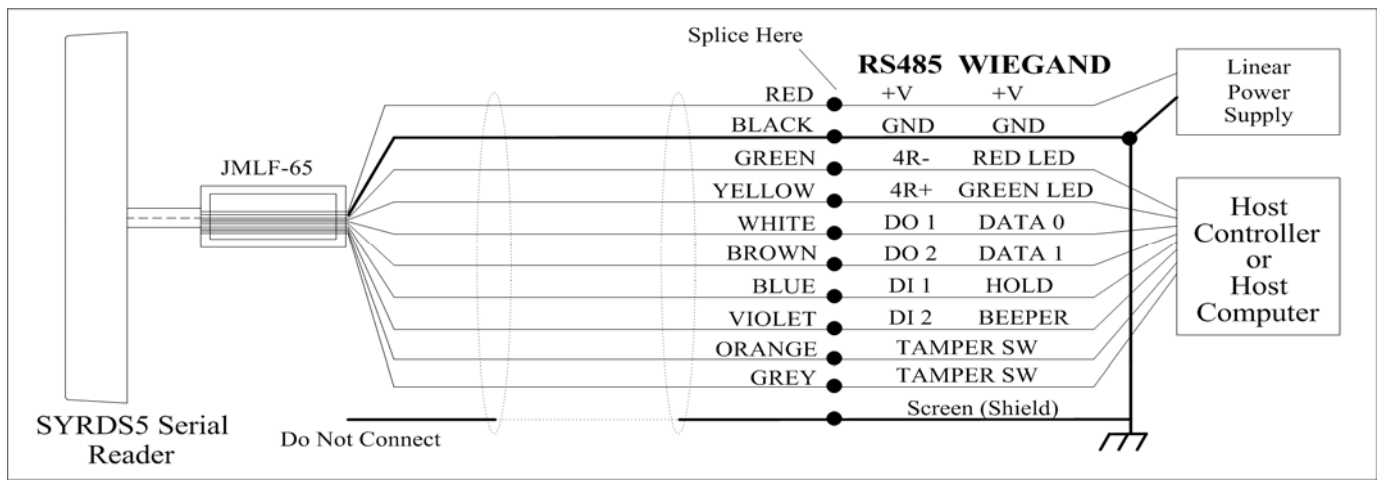
Can be mounted directly on metal without affecting its reading performance.

SYRIS proximity reader is able to interface with all existing access control system by Wiegand™ 26 bits formats and RS485 formats dual .

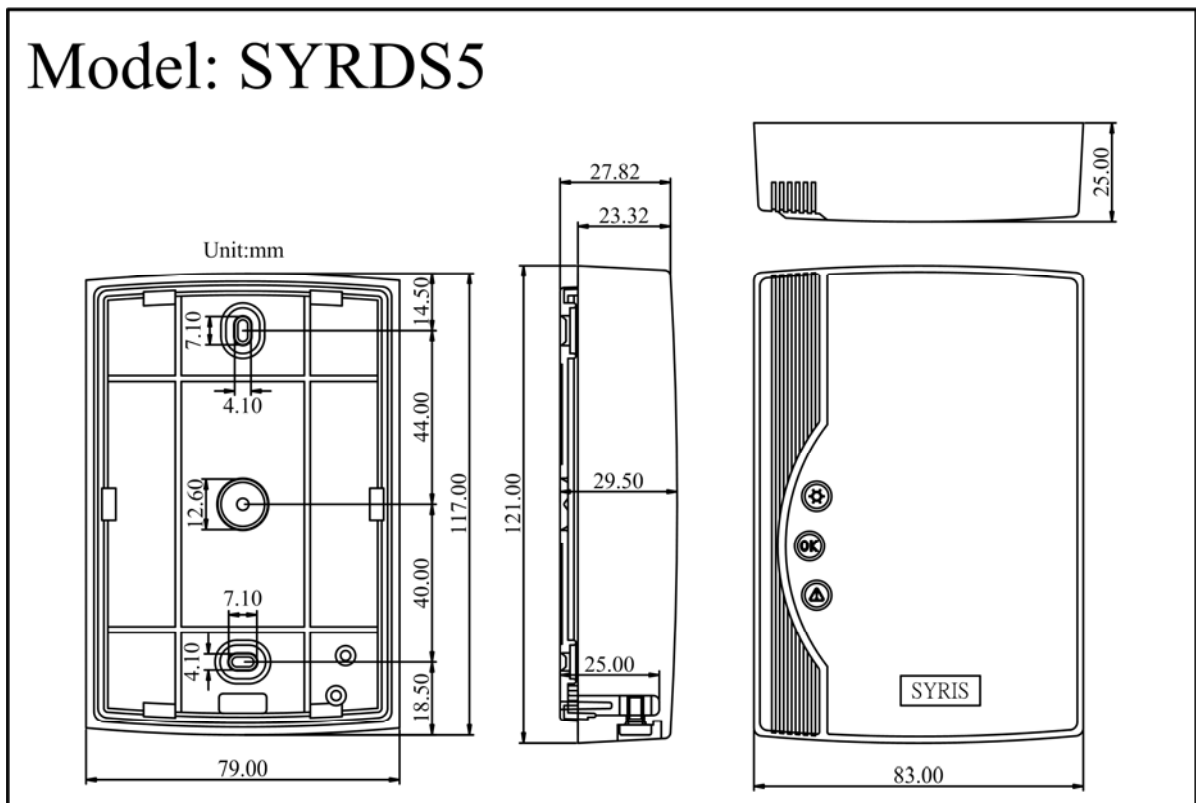
Items / Specs	SYRDS5	SYRDS5-M1
Frequency	125 KHz	13.56 MHz
Card (Transponder)	SYRIS card (EM /Temic compatible)	Mifare series
Read range*	5 cm ~ 15 cm	2 cm ~ 6 cm
Card read time	0.1sec(typical)	
Output interface	RS485 formats and Wiegand™ formats	
Wiegand™ formats	Wiegand™ 26 bits 、 34 bits 、 42 bits formats	
Baud rate	19,200 bps (4,800 、 9,600 、 19,200 、 38,400 、 57,600 、 115,200)	
Color	Beige or Gray	
Operating temperature	-20 °C to 70 °C	
Storage temperature	-30 °C to 80 °C	
Power supply input	8V to 15V DC	
Dimensions (mm)	83W x 121H x 29.5D	

* 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



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