Series 6000
Access Control Readers S6400

Key features:
- Universal Wiegand Support
- RS-485 Support
- Read/Write Capability
- ISO/IEC 15693 Compliance
- Simultaneous Multi-card reading
- Superior Read Range

Description

Texas Instruments' RFID line of 13.56 MHz readers provides a new level of performance, speed and accuracy for the access control market. An enhanced read range and faster data transfer rate make TI-RFid™ Systems' S6400 family Access Control Reader System ideal for any building or venue where it's vital to ensure safe, fast and secure access.

The S6400 family is based on ISO/IEC 15693 vicinity card standards, which means interoperability across all systems, 2000-bit memory read capacity and multiple badge identification. Up to 10 badges can be read simultaneously by a single reader, creating faster throughput and eliminating read interference common when two or more conventional proximity cards are in the same read field.

Available in either a wall plate or mullion option, the two-piece reader package is easy to install in new or retrofit applications, and its attractive design fits any setting.

TI's 13.56 MHz 2000-bit memory and in-the-field programmability means users can add and update vital information like time stamps or employee authorization codes, certification or emergency medical histories.

S6410 Wall Plate Reader (left) and S6420 Mullion Reader (right) * Information submitted for FCC, Industry Canada, RTTE, CE & ETL certification: A92ACS6410 & A92ACS6420

Specifications:

Device Name	S6410 Wall Plate Reader	S6420 Mullion Reader
Part Number	RI-H4R-S6H3-00	RI-H4R-S5H3-00
Operating Frequency	13.56 MHz	
Supported Protocols	ISO/IEC 15693 (Vicinity)	
Supply Voltage	9 - 14 VDC, built-in overvoltage and reverse polarity protection	
Power Consumption	90 mA Quiescent, 200 mA Read, 300 mA Max	
RS-485 Baud Rates	9600, 19200, 38400 (Default)	
Communication Interfaces	Wiegand 26-64 bit and RS-485 protocol	
Data Signal Integrity	500 feet Wiegand, 4000 feet RS-485	
Data Output Format	DES Encryption Mode (Cyper Text), Wiegand UID Mode, Wiegand ASCII mode	
Operating Temperature	-20°C to +70°C	
Storage Temperature	-40°C to +85°C	
Humidity	90% RH at +70°C	
Protection Class	IP64, Potted	
Regulatory Approvals	FCC, R&TTE (CE), UL-94 and UL-294 (ETL)	
Overall Dimensions (H x W x D)	5.0" x 5.0" x 1.0" (12.7 x 12.7 x 2.5 cm)	5.0" x 1.7" x 1.0" (12.7 x 4.3 x 2.5 cm)
Weight	~8.5 oz (~241g)	~4.8 oz (~136 g)

Wiring Guide:

Color	Function
Black	Ground (GND)
Brown	Red LED
Red	Power (9-14 VDC)
Orange	Green LED
Violet	RS-485 (B or +)
Green	Wiegand Data (0)
Yellow	Audio
Blue	Hold
Gray	RS-485 (A or -)
White	Wiegand Data (1)

Essential Connections:

RS-485 Mode	
Black	Ground
Red	Power
Violet	Data (0)
Gray	Data (1)

Wiegand Mode	
Black	Ground
Red	Power
Green	Data (A or -)
White	Data (B or +)

For more information, contact the sales office or distributor nearest you. This contact information can be found on our website at: **http://www.ti-rfid.com**

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