



# Mobile-Ready Contactless Smartcard Reader



## OS-CSR-35L

The CSR-35L is OSSI's contactless smartcard reader solution with mobile access support. Based upon the proven LEGIC® contactless digital radio frequency identification (RFID) platform, our readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand, or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and ValidID™, and support both sector and card serial number (CSN) reads. In addition to traditional contactless smartcard access credentials, such as clamshell cards and key tags, the platform also offers the option of mobile access credentials loaded on Bluetooth Low Energy (BLE)-enabled smartphones. This allows the smartphone to function as a contactless electronic access control credential. Access credentials, both traditional and mobile, can be ordered programmed to various formats in exact number sequence required.

### EASY INSTALLATION

- Mounts to US single-gang wall box or to flat surface. Can be mounted directly on metal with spacer.
- Quick installation, with only two mounting screws necessary
- Horizontal and vertical mounting slots standard for alignment
- Electronics are sealed in weather-and tamper-resistant epoxy potting for both indoor and outdoor operation
- IP67 rating

### ADVANCED TECHNOLOGY

- Supports 13.56 MHz (contactless smartcard) and 2.4 GHz (BLE)
- Wiegand and OSDP outputs

### STRONG SECURITY

- Validation process between readers and Mifare 1K & 4K credentials
- RF transactions between reader & Mifare 1K & 4K credentials is encrypted
- Customer exclusive encryption keys available for personalized security
- Anti-Tamper Mode available

### DIMENSIONS & WEIGHT

- Mullion: 1.7" W x 4.7" H x 1.2" D (43 mm x 119 mm x 30 mm)
- Switch Plate: 3" W x 5.1" H x 1.2" D (76 mm x 130 mm x 30 mm)

### ADDITIONAL FEATURES

- External standard four-state LED (red, green, amber, off) and audio tone (beeper) with provisions for both system and local control
- Comes standard with black bezel cover meet any decor

### POWER

- +8 to 14 VDC
- 60 mA typical, 250 mA peak @ 12 VDC

### INPUTS/OUTPUTS

- Standard external piezo beeper
- Standard external four-state LED

### READ RANGE

- Up to 1.5 inches (38 mm) for 13.56 MHz
- Up to 15 feet (4.6 m) for BLE

### OPERATING TEMPERATURE

- -35° to 66° C
- -31° to 150° F

### MOUNTING

- US Standard single-gang box or on flat wall surfaces
- Cable from the reader can be run up to 500 ft. on 18/6 cable

### CERTIFICATIONS

- FCC, CE, C-Tick, CSA, UL

## ORDERING INFORMATION

OS-CSR-35L

OS-CSR-35L 13.56 MHz Mobile-Ready Contactless Smartcard Reader