Proximity Reader

OS-640

The OS-640 Proximity reader and Keypad uses proven digital radio frequency identification (RFID) technology. It can be mounted directly on metal or to standard U.S.A. single-gang wall boxes and is ideal for applications requiring an access credential and/or personal identification number (PIN) such as high security dual verification.

The OS-640 offers compatibility with Farpointe Data, HID or AWID proximity cards and tags (standard).

Keypad data is transmitted via the reader's data lines in either an 8-bit burst or 26-bit Wiegand data format. The alpha-numeric keypad itself makes use of a durable (no moving parts), non-mechanical capacitive technology.

The OS-640 has advanced enhancements including blue backlighting and a continuously illuminated "5" key for orientation at night. Tactile feedback and a raised 'pip' on the "5" key make this keypad easier to use for the visually impaired.

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 125-kHz Proximity Technology
- Supports OSSI Proximity cards and tags
- Multi Manufacturer Technology: Supports Farpointe Data, AWID and HID proximity tags for replacement in any system.
- Supports 8 Bit Burst and 26 Bit Wiegand Standard

ADDITIONAL FEATURES
- Back-lit and continuously lit "5" key for easy use at night
- Tactile feedback and raised pip on the "5" key
- 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 contemporary cover

DIMENSIONS & WEIGHT
- 4.6" x 3" x 0.4" (166 mm x 77 mm x 10 mm)
- 4 oz (113 g)

POWER
- +5 to 14 VDC (12 VDC nominal) 5mA minimal, 45 mA typical, 80 mA peak
- Linear power supply recommended

INPUTS/OUTPUTS
- Standard external piezo beeper
- Standard external four-state LED

READ RANGE
- Up to 6 inches (152 mm) for OS-CS-P1X
- Up to 4 inches (102 mm) for OS-ISO-2PX
- Up to 4 inches (102 mm) for OS-ISODUO-2SX
- Up to 3 inches (76 mm) for OS-KT-P3X

OPERATING TEMPERATURE
- -40° to 65° C
- -40° to 150° F

MOUNTING
- Can be mounted directly on metal
- Cable from the reader can be run up to 500 ft.

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

ORDERING INFORMATION

OS-640	**OS-640 125kHz PROXIMITY READER with Integrated Keypad**
OS-CS-PIA	**OSSI STANDARD AWID COMPATIBLE PROXIMITY CARD**
OS-CS-PIH	**OSSI STANDARD HID COMPATIBLE PROXIMITY CARD**
OS-ISO-2PA	**OSSI STANDARD IMAGE AWID COMPATIBLE PROXIMITY CARD**
OS-ISO-2PH	**OSSI STANDARD IMAGE HID COMPATIBLE PROXIMITY CARD**

OS-KT-P3A	**OSSI PROXIMITY KEY TAG (AWID COMPATIBLE)**
OS-KT-P3H	**OSSI PROXIMITY KEY TAG (HID COMPATIBLE)**
OS-ISODUO-2SA	**OSSI MULTI TECHNOLOGY AWID COMPATIBLE PROXIMITY CARD**
OS-ISODUO-2SH	**OSSI MULTI TECHNOLOGY HID COMPATIBLE PROXIMITY CARD**