OS-D3

The OS-D3 is a contactless, mullion-mounted reader capable of reading smartcard proximity cards. This reader is compliant with ISO 14443 Type A & B and integrates 13.56-MHz contactless smart card proximity RFID technologies into this reader.

The OS-D3 reader is designed to cover both smartcard and the world's popular Mifare platform to offer a globally accepted, secure and versatile access control solution. The OS-D3 reader supports the most popular smart card for simple system integration and the freedom to target different applications with the most convenient card technology.

To ensure the integrity of RF data transactions, data communication between the cards and readers is encrypted using a strong key with a challenge response protocol to thwart replay attacks. These versatile readers offer a wide range of adjustable settings to satisfy each customer’s individual needs, application requirements, and system specifications.

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 Contactless Smart cards, Mifare 1K & 4K, Ultralight (CSN only), DESFire (CSN only)
- Supports both sector and card serial number (CSN) reading
- FIPS201, US Government approved Transparent Reader (supports PIV Types A & B)
- TWIC: reads CHUID data
- Wiegand and magnetic stripe 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
- 1.7” x 3.2” x 0.7” (43 mm x 81 mm x 17 mm)
- 3 Oz (85 g)

ORDERING INFORMATION
OS-D3  OS-D3 13.56 MHZ Smart Card Reader
OS-D3-M  OS-D3-M 13.56 MHZ Smart Card Mifare Reader

www.ossi-usa.com  888-488-2623