

Multi-Technology Readers & Mobile Wallet Credentials



BENEFITS

- ▶ Managing credentials is easy and fast from Dealer Admin
- ▶ Smartphones make the credential secure and always available

FEATURES

READERS

- ▶ Multiple technologies in a single reader: Proximity, Smart, NFC and BLE
- ▶ OSDP Autodetect
- ▶ OSDP Secure Channel and remote firmware upgradability
- ▶ MIFARE DESFire® EV2 and EV3 support
- ▶ LEAF credential support for secure, open, interoperability

- ▶ FSK and ASK legacy proximity credentials support for seamless transitions
- ▶ Accelerometer-based tamper detection
- ▶ Tri-state LED light bar (red, green, amber) and audible beeper
- ▶ Accommodates indoor and outdoor installation environments

- ▶ Compatible with 734 Series, 1134 Access Control Modules, X1 Series and 7873 Touchscreen Keypads

CREDENTIAL

- ▶ Uses NFC to communicate with the reader
- ▶ Easy to manage through Virtual Keypad and Dealer Admin
- ▶ Subscribe monthly to a pool of reusable credentials

MULTI-TECHNOLOGY READERS

Multi-technology access control readers offer a modern aesthetic and a state-of-the-art feature set. Standard technologies include Proximity (125 kHz), Smart (13.56 MHz), NFC, and Bluetooth®, so that customers can set their migration path to secure credentials and ecosystems. These readers are fully OSDP™ compliant and are enabled for

Secure Channel and remote firmware upgrades through OSDP Auto-Detect. They communicate OSDP and Wiegand over the same wires to automatically detect and convert to OSDP Secure Channel protocol when the panel is upgraded. This eliminates the need to rewire or reconfigure the reader.



Models	ET10-7WS	ET20-7WS
Color	Black	
Voltage	5-16 V DC	
HS Code	8471.60.9030	
Temp Range	UL tested -31°F to 150°F EN tested -40°F to 158°F 95% humidity	
Environmental Rating	UL 294 Suitable for Outdoor Use	
Read Range	Up to 4"	
Security Level	Utilizes EAL6+ Cryptographic Module	
Country of Origin	USA	
Dimensions	5.1" x 1.7" x 0.71"	5.1" x 3.25" x 0.71"
Shipping Dimensions	6" x 3" x 2"	6" x 4" x 2"
Shipping Weight	7 oz	10 oz
Current	105 mA average, 145 mA peak	120 mA average, 170 mA peak
Lifetime Warranty		

MOBILE WALLET CREDENTIALS

Instead of keeping track of a key fob or card, some people may prefer using their smartphones as their credentials. You can give those customers the convenience they prefer with a mobile wallet credential loaded on an NFC-enabled smartphone. This allows the smartphone to function as a contactless electronic access control credential, and the reader automatically authenticates or denies access.

High-security encryption technology uses the smartphone's security parameters and the credential is programmed with a unique ID number. That same number is stored in the reader so that readers and credentials only acknowledge each other with matching ID numbers.

Unlike traditional prox cards, mobile credentials are nearly impossible to copy or clone and are less likely to be lost or stolen. In that case, you can immediately disable the credential from Dealer Admin.

The Multi-Tech Readers and mobile wallet credential provide a secure and easy-to-use approach to access control. Using NFC technology, the credential will grant access even if the Virtual Keypad app is not running—and works even when the phone is not charged. It allows for hands-free access if the user enables their smart watch with their mobile wallet credential.

MOBILE WALLET CREDENTIAL MANAGEMENT

Managing mobile wallet credentials is fast and easy from Dealer Admin. When new users are added and their credentials are assigned, those users will automatically receive an email with instructions on how to add Virtual Keypad and begin using their mobile credential. The expense and logistics of deploying traditional credentials is virtually eliminated, saving you time and handling or delivery costs.

