

# Z-20

## CARD READER

### ALL-WEATHER OUTDOOR MULTI-TECH SMART READER.

The SL-Z20 is a compact, all-weather access reader built for multi-tenant residential and commercial buildings. It supports standard 125 kHz credentials and encrypted 13.56 MHz key cards, with Bluetooth mobile unlock via the Swiftlane app. Designed to fit a standard single-gang electrical box for straightforward installation indoors or outdoors.

### AT A GLANCE

- ✓ Dual-frequency RFID — 125 kHz and encrypted 13.56 MHz
- ✓ Bluetooth mobile unlock via the Swiftlane app
- ✓ IP68 weatherproof, IK10 vandal-resistant housing
- ✓ FCC, CE, RoHS 3.0, UL 294 certified
- ✓ Wiegand and OSDP output — compatible with standard access control panels
- ✓ Capacitive touch keypad for PIN-based access
- ✓ Standard single-gang form factor for fast install
- ✓ Apple Wallet & Google Wallet subscription add-on

### FEATURES

<b>Credential Types</b>	125 kHz RFID (low frequency, multi-format); 13.56 MHz RFID (ISO 14443 Type A & B, ISO 15693); Mobile App (BLE); PIN
<b>Mobile Access</b>	Bluetooth proximity unlock via Swiftlane app; API-based remote unlock
<b>Wallet Credentials</b>	Apple Wallet, Google Wallet Add-on purchase required
<b>Keypad</b>	Capacitive touch
<b>Indicators</b>	RGB LED; internal buzzer with adjustable volume
<b>Read Range (RFID)</b>	Up to 2.3"
<b>Read Range (BLE)</b>	Up to 33 ft, configurable

### ENVIRONMENTAL

<b>Operating Temperature</b>	-22°F to 158°F
<b>Weather Protection</b>	IP68
<b>Vandal Resistance</b>	IK10

### MECHANICAL

<b>Dimensions</b>	3.54"W × 4.24"H × 0.86"D
<b>Mounting</b>	Single-gang or any flat surface
<b>Housing</b>	Polycarbonate UL94-V0 & UL746C (F1)



### COMMUNICATIONS

<b>Panel Connection</b>	Wiegand, OSDP
<b>Reader Frequency</b>	1. 125 kHz 2. 13.56 MHz: ISO14443 Types A & B, ISO15693 3. 2.4 GHz Bluetooth
<b>Wireless Standards</b>	Bluetooth Low Energy (BLE)
<b>Data Encryption</b>	AES-128, reader to controller EAL6+ certified crypto chip

### INPUTS, OUTPUT & POWER

<b>Power Supply</b>	9-24 VDC
<b>Power Draw</b>	Min. 2.4 W above 32°F Min. 8 W below 32°F
<b>Tamper Switch</b>	Magnetic tamper detection

### CERTIFICATIONS & WARRANTY

<b>Certifications</b>	FCC · CE · RoHS 3.0 · UL 294 · IEC EN / BS EN 60839 Grade 4
<b>Warranty</b>	2-year limited warranty

