

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 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

- ✔ Supports 13.56Mhz encrypted key fobs
- ✔ 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 and Google Wallet via add-on purchase.

FEATURES

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

ENVIRONMENTAL

Operating Temperature	-22°F to 158°F
Weather Protection	IP68
Vandal Resistance	IK10

MECHANICAL

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



COMMUNICATIONS

Panel Connection	Wiegand, OSDP
Reader Frequency	13.56 MHz: ISO14443 Types A & B, ISO15693, 2.4 GHz Bluetooth
Wireless Standards	Bluetooth Low Energy (BLE)
Data Encryption	AES-128, reader to controller EAL6+ certified crypto chip

INPUTS, OUTPUT & POWER

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

CERTIFICATIONS & WARRANTY

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

