

E-smart Ultra ZP100WR



Mobile Key



RFID Card



Wireless Online



Electronic Locker Lock

ZP100WR



Certified by



Functions and Features

- Support various RFID credentials (13.56MHz ISO 14443 Type A/B - Mifare, DESFire, ISO 15693 HID, etc.)
- Various Operation mode
 - Free mode (Shared use)
 - Assigned mode (Permanent use)
 - Smart-Assigned mode
- Multi-User / Multi-Locker
- Time based operation function (Auto opening, Time limit, 3 Shift)
- Lock information check (Lock ID, battery status, user card info, firmware version etc.)

Online Functions

- Real-time monitoring
- Audit trail (Online - Unlimited, Offline: Card - Up to 150 / Mobile – Up to 2,000)
- Remote lock open/close
- Remote lock and card blocking
- Change password online
- Change user information online
- Support E-smart Mobile Key
- Easy to fit and retrofit (Metal, wood and laminate lockers)
- Easy lock setting and management by one Setup Card/Mobile app
- Mobile management app (Admin app) available

2~5 years battery life depending on the usage

- Approximately 15,000 cycles

Highest Security

- Unique security key by AES128 security algorithm

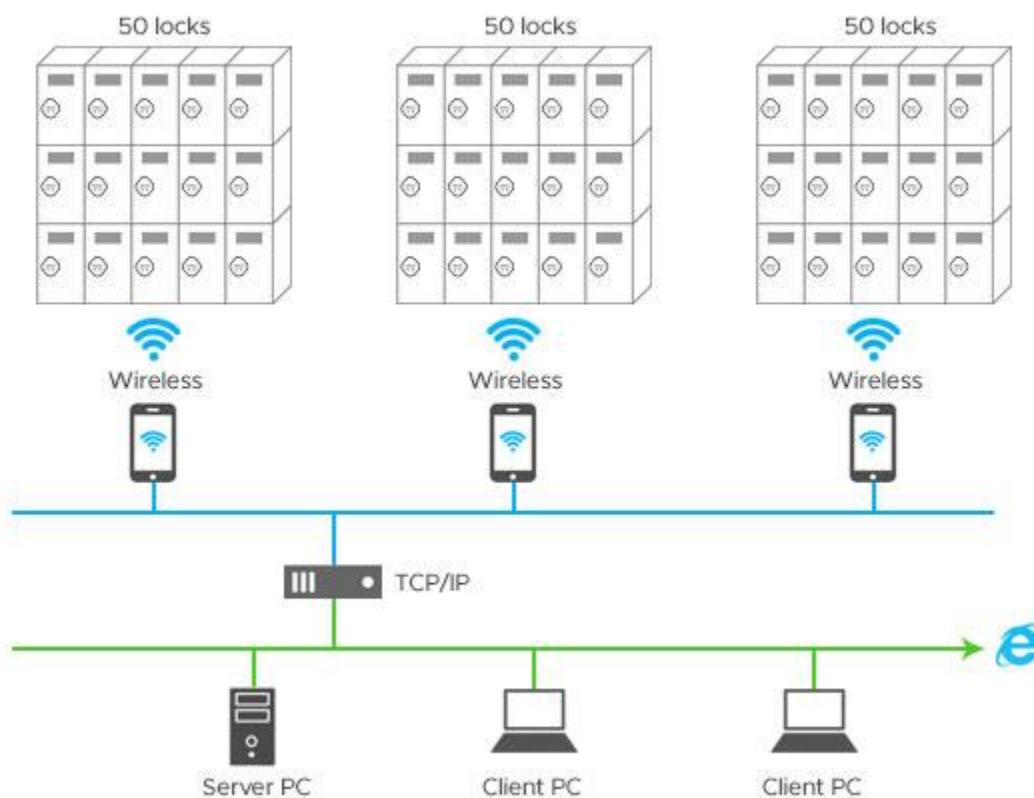
Durable and Enhanced design (IP55)

- High impact polycarbonate & waterproof case (IP55)
- Aluminum die-casting locking mechanism Spring Latch & Deadbolt



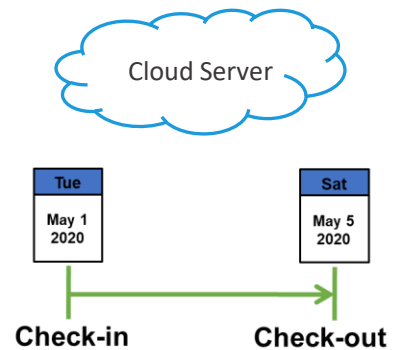
Wireless online monitoring and control

- ✓ All functions in e-Smart Classic Plus+
- ✓ Powerful database management
- ✓ Real-time monitoring
- ✓ Remote lock open/close, block/unblock
- ✓ Online user information change
- ✓ Online audit trail and lock info check
- ✓ Online maintenance
- ✓ Connect multi-client software
- ✓ Customize monitoring layout
- ✓ 3rd party interface



Control Time Sensitive Mobile key from wherever you are

- ✓ Very easy and convenient for you to schedule a mobile key for each lock via your smartphone or computer
- ✓ Simply login the cloud server and select your lock to generate the mobile key



No Network Connection, No WiFi, No Cellular Phone Network Needed.....

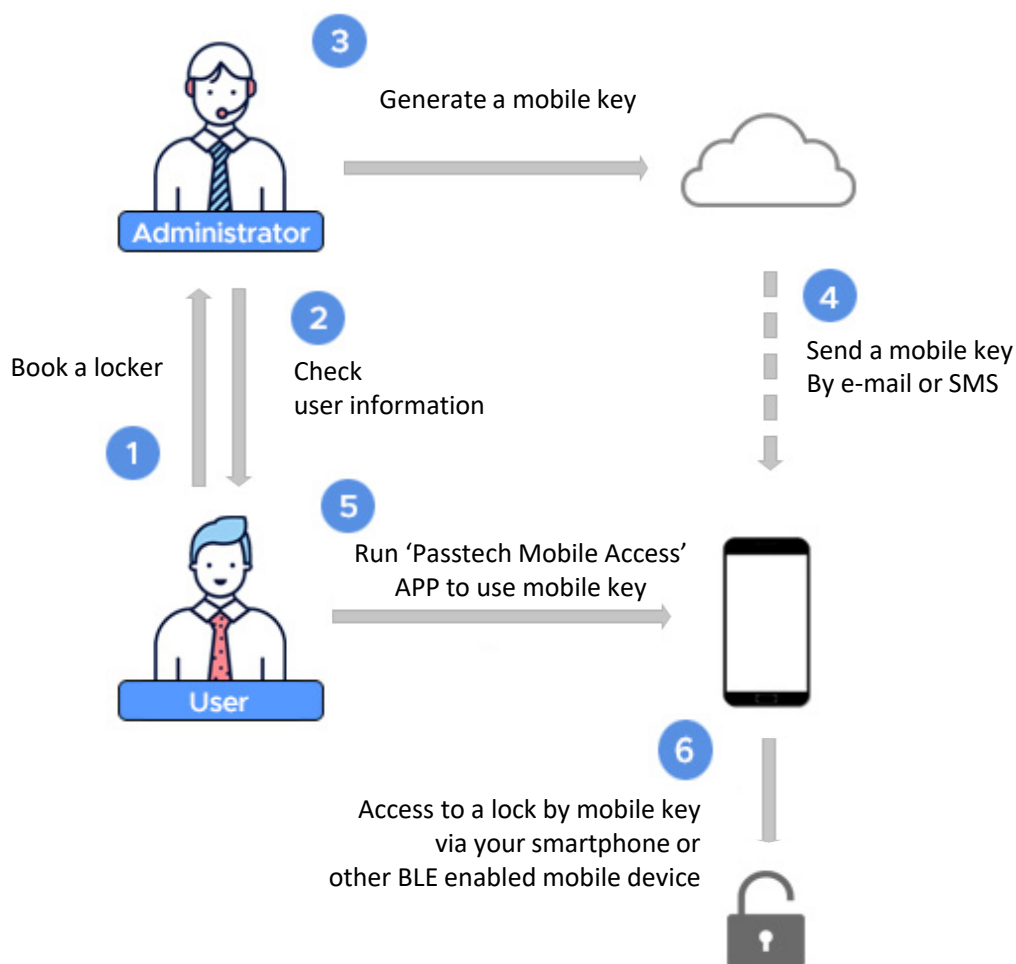
- ✓ Mobile key operates in completely offline environment
- ✓ No Network Connection Required



Experience convenient access to your property by Mobile key generated via the Cloud anywhere in the world

- ✓ Encrypted mobile key which can be used by smartphone
- ✓ Work offline, no network connection needed
- ✓ Operate a lock anytime, anywhere
- ✓ No contact for check-in or key exchange
- ✓ Bypass front desk for registration
- ✓ No user card needed – cost save
- ✓ No risk of losing cards
- ✓ Fast, easy, and secure

How it works

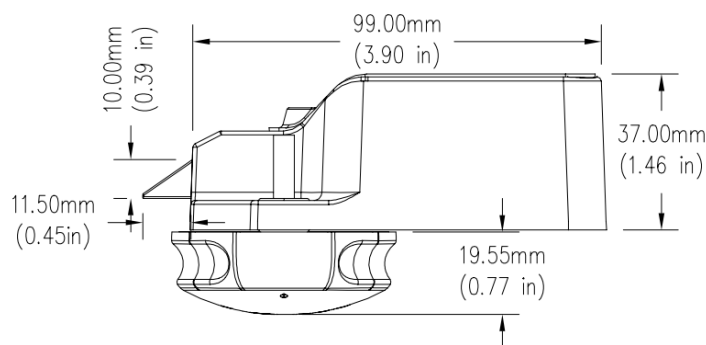


Specifications

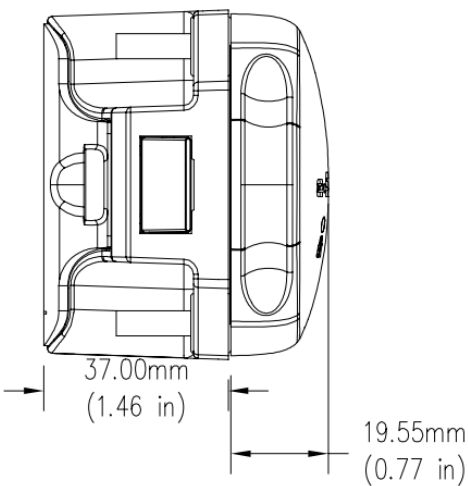
Items	Description
Access Type	RFID card / Mobile key
RFID Protocol	ISO 14443 Type A/B, Felica, Mifare Classic / Ultralight / DESFire, NFC smartphone, ISO 15693 HID card, and other types of RF cards are available with reconfiguration
Communication	<ul style="list-style-type: none"> - IEEE 802.15.4 (ZIGBEE / Online) - BLE 4.0 or higher - 13.56MHz RFID
Security	<ul style="list-style-type: none"> - BLE : AES-128 - ZIGBEE : AES-128 (Online)
Size	<ul style="list-style-type: none"> - Front: 53.5mm (W) * 68.6mm (H) * 19.55mm (D) - Back case: 99mm (W) * 70mm (H) * 35mm (D)
Indicator	Buzzer, Red/Green LED
Power	6V DC (1.5V AA Alkaline batteries x 4 pcs) Wired Power (5VDC) – Optional
Color	Black
Battery life	2 years
Case Material	Polycarbonate
Audit Trail	Online : Unlimited Offline : Max 150 events (by RFID card) Max 2000 events (by Mobile app)
Operational Temp	-10 °C to 60 °C
Certification	KC, CE, FCC and ADA compliant

Dimension

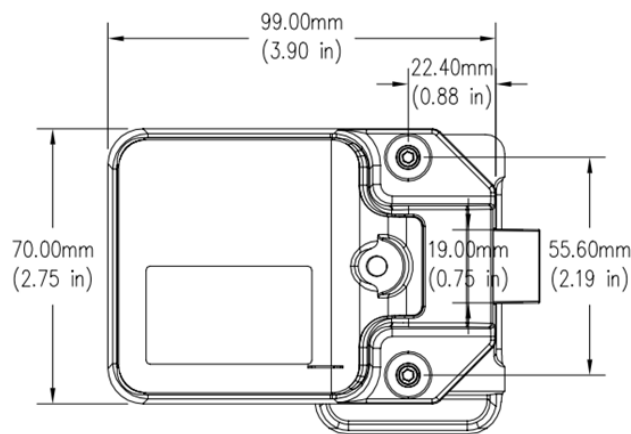
Top View



Side View



Back Case



Front View

