eSmart LOCK

E-smart Ultra
ZP200WR

Mobile Key

RFID Card

Wireless Online

Electronic Locker Lock

ZP200WR

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
(Cloud server generated mobile key - Optional)
- 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

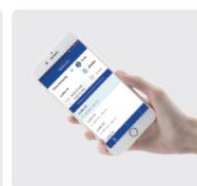**2~5 years battery life depending on the usage**
- Approximately 15,000 cycles

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

ESMARTLOCK Co., Ltd.
www.esmartlock.com
passtech@emsartlock.com
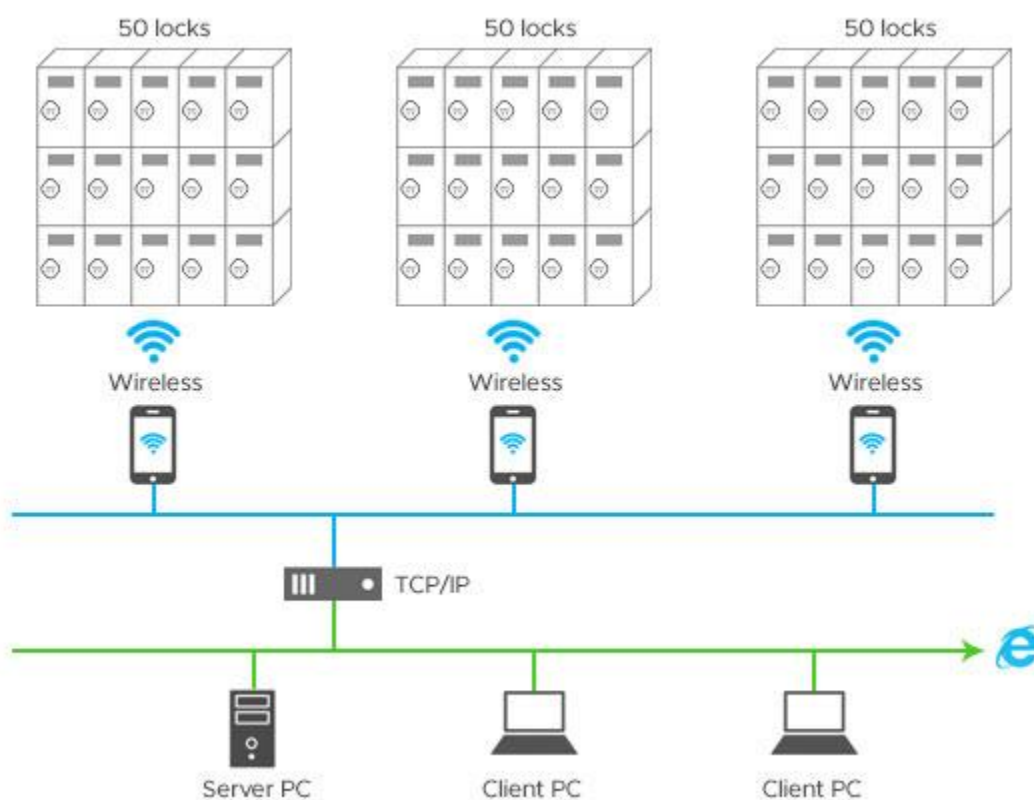
Control Time Sensitive Mobile key from wherever you are

- ✓ 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

Cloud Server

Check-in   Check-out
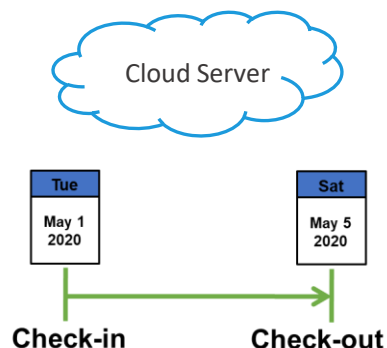
No Network Connection, No WiFi, No Cellular Phone Network Needed…..

- ✓ Mobile key operates in completely offline environment

- ✓ No Network Connection Required

No network connection needed

ESMARTLOCK Co., Ltd.
www.esmartlock.com
passtech@emsartlock.com

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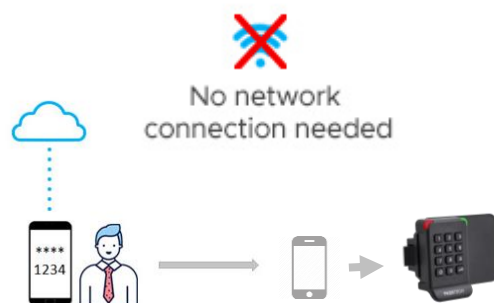
Experience convenient access to your property by Mobile key generated via the Cloud anywhere in the world

✓ 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
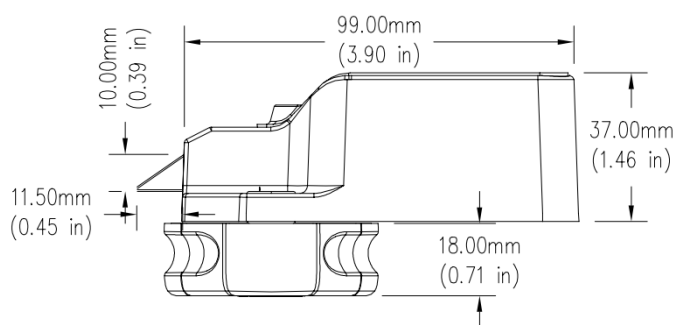✓ No risk of losing cards
✓ Fast, easy, and secure

How it works

③ Generate a mobile key

Administrator

① Book a locker

② Check user information

④ Send a mobile key By e-mail or SMS

⑤ Run 'Passtech Mobile Access' APP to use mobile key

User

⑥ Access to a lock by mobile key via your smartphone or other BLE enabled mobile device
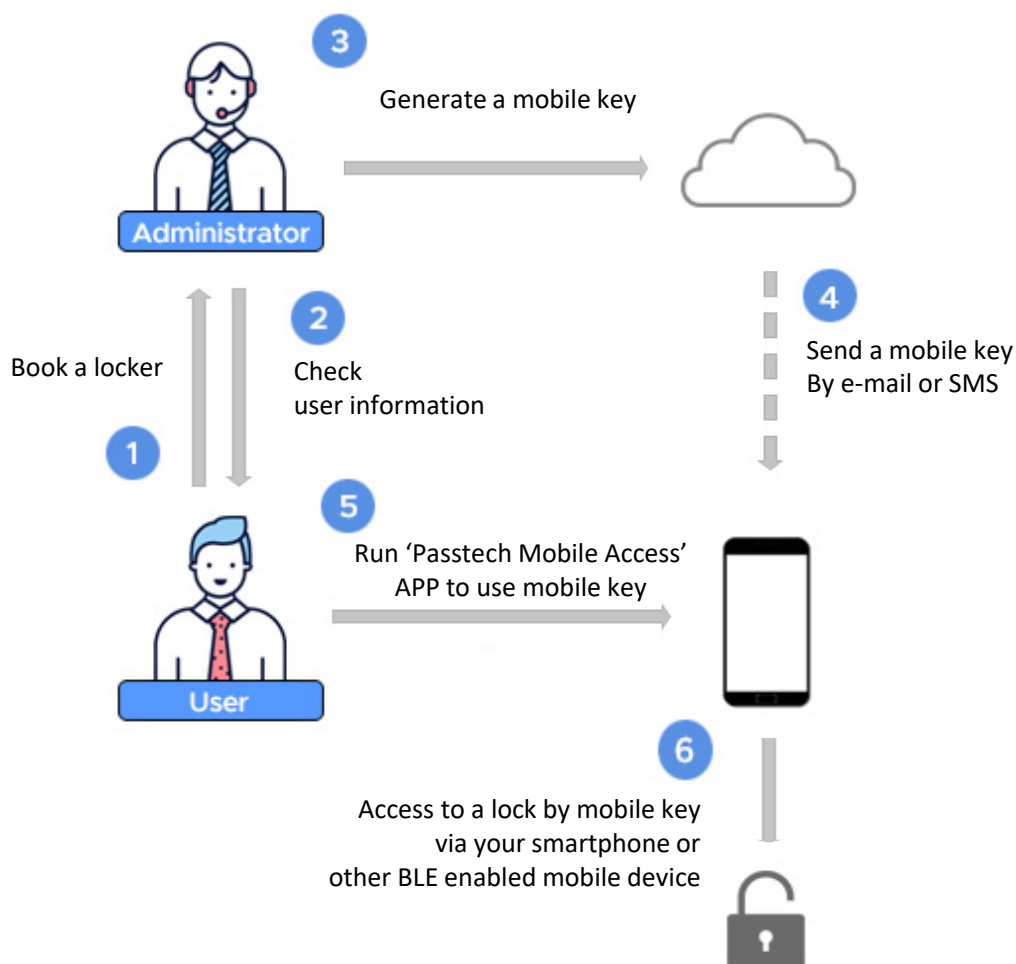
Specifications

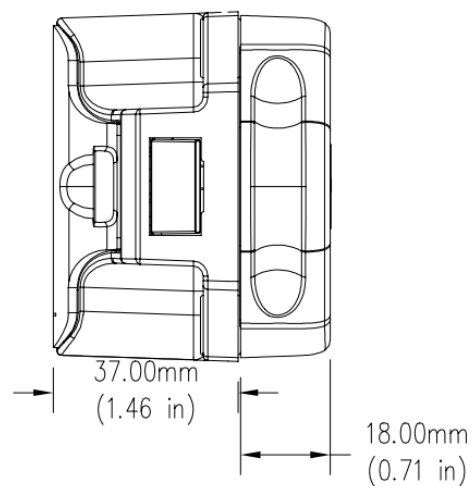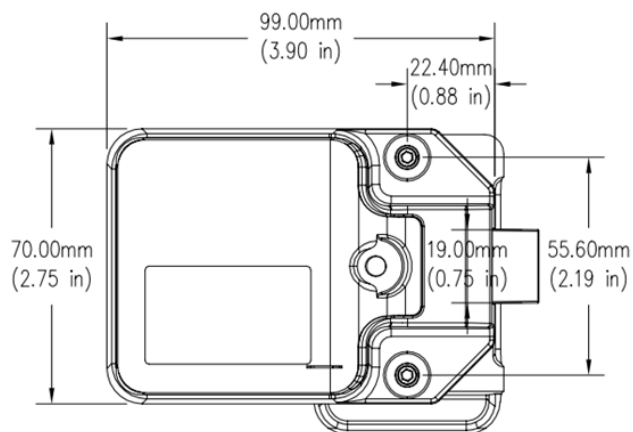| Items	Description
Access Type	RFID card / Mobile key
RFID Protocol	ISO 14443 Type A/B, Felica, Mifare Classic / Ultralight / DESFire, NFC smartphone, ISO 15693 HID card, and other types of RF cards are available with reconfiguration
Communication	- IEEE 802.15.4 (ZIGBEE / Online) - BLE 4.0 or higher - 13.56MHz RFID
Security	- BLE : AES-128 - ZIGBEE : AES-128 (Online)
Size	- 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

ESMARTLOCK Co., Ltd.
www.esmartlock.com
passtech@emsartlock.com

Dimension

Top View	Side View

Back Case	Front View

ESMARTLOCK Co., Ltd.
www.esmartlock.com
passtech@emsartlock.com