



# SC800

## Design With Simplicity Multi-Tech Card Access Control Terminal



Compatible with  
**ZKBio CVAccess**



SC800 is a Linux-based and waterproof RFID Access Control terminal that is designed for outdoor application. This terminal adopts a metal midframe housing and a 2.5D tempered glass panel, supporting IP65 waterproof and IK04 vandal proof.

Besides, SC800 has a 2.4 inch color screen and a hidden touch keypad to enhance the touchless unlocking experience.

SC800 offers the Multi-tech RFID module that supports 125kHz and 13.56MHz card, support HID Prox and HID iclass Multi-Tech RFID Module. In addition, SC800 supports Access Control push communication protocol and it is compatible with ZKBio CVAccess software. This terminal also includes a Wiegand Input port to connect the external proximity reader and can be act as controller’s external reader using a Wiegand Output port.

### Features

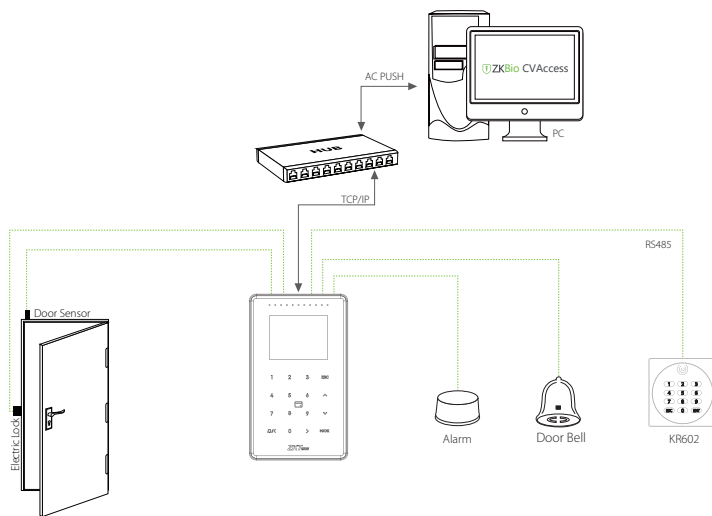
- IP65 water and dust resistant, IK04 vandal proof
- Supports multiple RFID modules and up to 100+ card types (including, ID / IC / Felica / Legic / DESfire EV1 / EV2 / HID Prox / HID iClass / etc.
- Support Access Control push conversion to Time Attendance push
- Communication: TCP/IP, Wi-Fi (Optional), Wiegand in&out, RS485 (for RS485 readers), OSDP (Ver2.1.7), RS232 (for printer)
- Embedded web server for system configuration
- Fully complied with ZKCSBL (ZKTeco Cyber Security Base Line). Standard to provide advance protection
- Compatible with ZKBio CVAccess

### Specifications

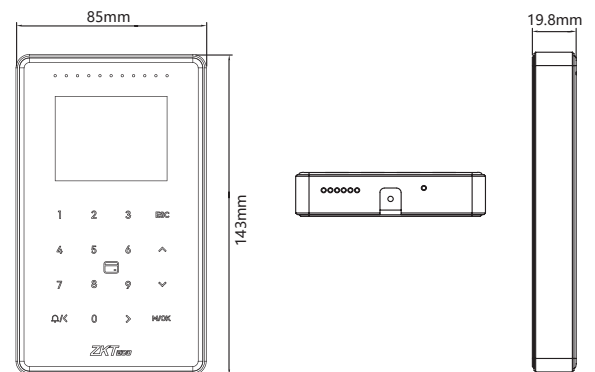
Display	2.4 inch TFT LCD Color Screen
Operation System	Linux
Card Capacity	50,000 (Optional: 100,000)
Logs Capacity	200,000 (Optional: 1000,000)
User Password	6 Digits
RFID	Standard Module: ID Optional Multi-Tech Card Module: Module 1 Support ID&IC& DESFire EV1/EV2; Module 2 Support ID&IC& DESFire EV1/EV2&Felica&Legic&HID Prox; Module 3 Support ID&IC& DESFire EV1/EV2&Felica&Legic&HID Prox&HID iclass;
Communication	TCP / IP, Wiegand, RS485 (for RS485 readers), OSDP (Ver2.1.7), RS232 (only for printer), Wi-Fi (Optional)
Wired Network	10 / 100 Mbps, Auto MDI/MDI-X

<b>Access Control Interface</b>	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell
<b>Auxiliary Interface</b>	1 AUX input
<b>Indication Light</b>	Breathing light: White, Status light: Red / Green
<b>Hardware</b>	1GHz Dual Core CPU, DDR2 64M, Flash 256M
<b>Data Protection</b>	AES-256 Encryption
<b>Keypad</b>	Hidden Touch Keypad
<b>Wiegand Signal</b>	Wiegand In / Out
<b>Standard Functions</b>	ID card, Web sever, Automatic Status Switch, Self-Service Query, DST, 14 Digit User ID, Scheduled Bell, Anti-passback, HTTPS, Protocol convert (AC push to TA push)
<b>Optional Functions</b>	Wi-Fi, Multi-tech Card Module, Printer
<b>Power Supply</b>	DC 12V 3A
<b>Operating Temperature</b>	-10°C to 55°C (14°F to 131°F)
<b>Storage Temperature</b>	-20°C to 60°C ( -4°F to 140°F)
<b>Operating Humidity</b>	10% to 90% RH
<b>Dimensions (L*W*D)</b>	143*85*19.8mm
<b>Protocol</b>	A & C Push (default) / T&A Push
<b>Supported Software</b>	ZKBio CVAccess

## Configuration



## Dimensions(mm)



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