



## SmartKing™ split-design controller EM & HID wide



### CHARACTERISTICS

- This access control kit contains an access control host, an iBox (power supply) and an sButton (exit button)
- Access control host: structure in aluminum alloy, durable, safe and water proof IP65
- 2000 user capacity, each user with 4-6 digits PIN
- Master Add and Delete card, convenient to add or delete user
- Card or PIN, card and PIN mode
- Pulse mode or toggle mode relay output
- Eight working modes option: Wiegand reader, standalone single door, standalone for two doors, with external reader for two doors, two door interlock, anti-passback single door, anti-passback two doors, automatic mode
- Intelligent power supply that communicates with access host in encrypted mode
- Two relays in iBox also suitable for controlling two doors
- Professional doorbell function with doorbell choice integrated in the iBox or external doorbell
- Other functions: tamper alarm function, anti-duress alarm, lockout function, safe mode, multi-card to open door, programmable backlight, programmable relay time



Access control unit ( host )	iBox
Input voltage: DC12~24V (supplied by the iBox)	Input voltage: AC100-240V
Idle current: ≤35mA	Output power: ≤36W
Proximity card: EM & HID or IC & CPU card	Output voltage: DC12-14V
Reading range: 3 - 6cm (EM & HID card) / 2 - 6cm (IC & CPU card)	Output current (for joint of access control host): ≤0.5A
Frequency: 125KHz (EM & HID) or 13.56MHz (IC & CPU ISO14443A)	
Wiegand input & output format: 26-37 bit	
Keypad output format: visual card No; 4 bits or 8 bits of single key pressing	
Dimensions: 125 x 83 x 21,7 mm	Dimensions: 97 x 261 x 42 mm
Operating temperature: -40~60°C (read EM & HID card) / -20~60°C (read IC & CPU card)	Operating temperature: -20~50°C
Operating humidity: 0~95% non-condensing	Operating Humidity: 0~95% non-condensing

## sButton



### TECHNICAL SPECIFICATIONS

- Aluminum alloy plate and LED luminescent indicators
- 100,000 times of operation
- LED operating voltage: DC12V±10%
- Output: normally open (close when press)
- Operating temperature range: -40°C~60°C
- Operating humidity: 0-95%
- Dimensions: 90 x 40 x 40 mm (panel thickness is 2,5 mm)

### ORDER INFORMATION

- PA240303 - SmartKing™ split-design controller EM & HID wide