

# SmartKing™ split-design touch controller Mifare wide



## DESCRIPTION

- This access control kit contains a wiegand keypad/reader, a controller and an 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 controller also suitable for controlling two doors
- Professional doorbell function with doorbell choice integrated in the controller 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



## Wiegand reader/keypad



### TECHNICAL SPECIFICATIONS

- Input voltage: DC12~24V (supplied by the iBox)
- Idle current: ≤35mA
- Proximity technology: Mifare
- Reading range: 3-6 cm (EM & HID card),  
2-6 cm (IC & CPU card)
- Frequency: 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
- Operating Temperature: -20°C ~60°C (read IC & CPU card)
- Operating Humidity: <0~95% non-condensing

## Controller



### TECHNICAL SPECIFICATIONS

- Input voltage: AC100-240V
- Output power: ≤ 36W
- Output voltage: DC 12V-14V
- Access control unit port output current:
- Output current (for joint of access control host): ≤0.5A
- Dimensions: 261 x 97 x 42 mm
- Operating temperature: -20°C~50°C
- Operating humidity : 0-95% non condensing

## Exit button



### 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 2,5 mm

## ORDER INFORMATION

- PA240300 - SmartKing™ split-design touch controller Mifare wide