

TKBHOME®



Z-Wave Smart Home Products



<http://www.tkbhome.com>

TZ66S Z-Wave Single Wall ON/OFF Switch

- 868.42 MHz(EU), 869 MHz(RU)
- Voltage 230VAC, 50Hz
- Max Load: 6 amps(1380watts)
- Operation range : up to 100 feet
- LED for indication
- Capable of controlling fluorescent lighting
- Controllable Z-Wave Groups: 2
- The group 1 allows dimming and brightening of Z-Wave dimmers if associated
- Very low electricity consumption
- Dimension:Front86x86mm Back:31.5x49.5



TZ04 In Wall Dual Relay Switch Module 2X1.5KW (Each relay with power meter function)

- 868.42 MHz(EU) / 908.42MHz (US) 921.42 (Australia)
- World first two relay Z-wave 400 series module with power meter function in a very slim case.
- Adopt Z-Wave protocol to secure the success of wireless two way communication.
- Adopt newest Z-wave 400 series chip, support multichannel operation and higher data rate (3.6/40/100kpbs).
- Higher RF output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range.
- Slim design, easy install.
- Resistive load 1.5KW X 2.
- Instant power Wattage and Accumulated power consumption kWh report.
- Overload protection.
- Very low electricity consumption.



TZ66D Wall Mounted Dual ON/OFF Switch

- 868.42 MHz(EU), 869 MHz(RU)
- Voltage 230VAC, 50Hz
- Max Load: 6 amps(1380watts)
- Operation range : up to 100 feet
- LED for indication
- Capable of controlling fluorescent lighting
- Controllable Z-Wave Groups: 4
- The group 1 & group 2 allows dimming and brightening of Z-Wave dimmers if associated
- Very low electricity consumption
- Dimension:Front96x86mm Back:31.5x49.5mm



TZ06 In Wall Dual Relay Switch Module 2X1.5KW

- 868.42 MHz(EU) / 908.42MHz (US) 921.42 (Australia)
- World first two relay Z-wave 400 series module in a very slim case.
- Input voltage AC100-240V / DC24-60V.
- Adopt Z-Wave protocol to secure the success of wireless two way communication.
- Slim design, easy install.
- Adopt newest Z-wave 400series chip, support multichannel operation and higher data rate (3.6/40/100kpbs).
- Higher RF output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range.
- Resistive load 1500W X 2.
- Two dry contact relay.
- Very low electricity consumption



TZ68G/F/E/C Plug in ON/OFF Switch

- 868.42 MHz(EU), 869 MHz(RU)
- Voltage 230VAC, 50Hz
- Max Load: 2990W for UK Type, 3680W for Germany & French Type, 2200W for Universal Type
- Operation range : up to 100 feet
- LED for indication
- Very low electricity consumption
- Dimension:101.4x59.8x56mm(mounted in receptacle)
- Order code: TZ68G(Schuko), TZ68F(French), TZ68E(UK), TZ68C(China/Australia)



TZ10 In Wall Switch Module 1.5KW (with power meter function)

- 908.42MHz (US)
- World first two relay Z-wave 400 series module in a very slim case.
- Input voltage AC100-240V
- Adopt Z-Wave protocol to secure the success of wireless two way communication.
- Slim design, easy install.
- Adopt newest Z-wave 400series chip, support multichannel operation and higher data rate (3.6/40/100kpbs).
- Higher RF output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range.
- Resistive load 1500W
- Very low electricity consumption



TZ67G/F/E/C Dimmer Plug in Switch

- 868.42 MHz(EU), 869 MHz(RU)
 - Voltage: 230VAC, 50Hz
 - Max Load: 300W, for incandescent lamps only
 - Operation range : up to 100 feet
 - LED for indication
 - Dimension: 101.4x59.8x56mm (mounted in receptacle)
 - Operating Temperature Range: 32-105°F (0-40°C)
 - Very low electricity consumption
- Order code: TZ68G(Schuko), TZ68F(French), TZ68C(UK), TZ68E(China/Australia)



TZ68C TZ68G

TZ07 In Wall Dual Relay(2 Way) Switch Module 2X1.1KW (Each relay with power meter function)

- 868.42 MHz(EU) / 908.42MHz (US) 921.42 (Australia)
 - World first two relay Z-wave 400 series module with power meter function in a very slim case.
 - Adopt Z-Wave protocol to secure the success of wireless two way communication.
 - Higher RF output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range.
 - Slim design, easy install.
 - Adopt newest Z-wave 400series chip, support multichannel operation and higher data rate (9.6/40/100kpbs).
 - Resistive load 1100W X 2.
 - Instant power Wattage and Accumulated power consumption kWh report.
 - Overload protection.
- Very low electricity consumption



TZ65S Single Wall Dimmer Switch

- 868.42 MHz(EU), 869 MHz(RU)
- Voltage: 230VAC, 50Hz
- Max Load: 300W, for incandescent lamps only
- For use only with hard-wired incandescent lighting
- LED for indication
- Controllable Z-Wave Groups-2
- Very low electricity consumption
- Dimension: Front: 86x86mm Back: 31.5x49.5mm



TZ88 Smart Energy Plug-in Switch

- 868.42 MHz(EU), 869 MHz(RU)
 - Voltage: 230VAC, 50Hz
 - Resistive load 3000W, 1500W for incandescent load or 320W for fluorescent load Overload protection
 - Adopt Z-Wave protocol to secure the success of wireless two way communication
 - Higher RF output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range
 - Easy install
 - Very low electricity consumption
 - Resistive load 3000W, 1500W for incandescent load or 320W for fluorescent load Overload protection
 - Voltage, Current, Power factor, Instant power Wattage and Accumulated power consumption kWh report
- Order code: TZ88G(Schuko), TZ88F(French), TZ88E(UK), TZ88C(China/Australia), TZ88U(US)



TZ65D Dual Wall Dimmer Switch

- 868.42 MHz(EU), 869 MHz(RU)
- Voltage: 230VAC, 50Hz
- Max Load: 300W, for incandescent lamps only
- For use only with hard-wired incandescent lighting
- LED for indication
- Controllable Z-Wave Groups-4
- Very low electricity consumption
- Dimension: Front: 86x86mm Back: 31.5x49.5mm



TZ08 Roller Shutter Controller (With position feedback)

- 868.42 MHz(EU) / 908.42MHz (US) 921.42 (Australia)
- Adopt newest Z-wave 400series chip, support multichannel operation and higher data rate (9.6/40/100kpbs).
- Adopt Z-Wave protocol to secure the success of wireless two way communication.
- Higher RF output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range.
- Slim design, easy install.
- Max load up to 1100W.
- After calibration, the controller can feedback the roller shutter position.
- Overload protection.
- Very low electricity consumption



SM103 Door/Window Detector

- 868.42 MHz(EU) or 908.42 MHz(US)
- Operate by 3x1.5V Alkaline/AAA type battery
- Operation range : up to 100 feet
- Tamperproof protection
- Design for indoor use
- Option for external reed switch



ST814 Temperature & Humidity Detector

- 868.42MHz(EU)
- Operate by 3x1.5v AA type battery
- Transmission distance up to 100 feet
- Radio frequency status display
- Built-in 60dB Beep tone reminding sound
- LCD Panel with backlight displays temperature, humidity, battery status and transmission indication
- Temperature detecting range: -20°C-50°C/2°C
- Humidity detecting Range:20%~90%/RH±15%/RH
- 0°C freezing point alert
- Activating programs automatically by setting the temperature and humidity in advance
- Wall mount design for indoor use



SF814 PIR Detector (Lens Changeable)

- 868.42 MHz(EU) or 908.42 MHz(US)
- Operate by 3 x 1.5V Alkaline/AA type battery
- Operation range : up to 100 feet
- Detect changes in movement by infrared technology
- Wall mount: 110" x 10m (at 1.8m mounting height)
- Ceiling mount: 360" x 5m (at 2.8m mounting height)
- Tamperproof protection
- Built-in 60dB beep tone reminding sound
- Wall/ceiling mount design for indoor sound
- Light sensor for ambient light detection



TSM01 Door/Window Contact Detector

- 868.42 MHz(EU) / 908.42MHz (US)/ 921.42 (Australia)
- Adopt newest Z-wave 400series chip, support multichannel operation and higher data rate (9.6/40/100kbps)
- Higher output power (+2.5dBm output power as compared to -2.5dBm 300 series Z-wave module) to enhance the communication range
- 1500mA CR123A Lithium battery to guarantee 5 year battery life
- Built in light sensor while applied to light control
- Adopt Z-Wave protocol to secure the success of wireless two way communication
- With Tamper proof protection
- Easy install
- Low battery indication



SF812 Smoke Detector

- 868.42MHz (EU) or 908.42 MHz(US)
- Operate by 1x 9V Alkaline battery
- Operation range : up to 100 feet
- Photoelectric sensor particularly effective in detecting smoldering fires
- Test button to verify battery status and alarm operation
- Built-in 85dB sounder
- LED for indication and battery status
- Tamperproof protection



TSP01 PIR Motion Sensor

- 868.42 MHz(EU) / 908.42MHz (US)/ 921.42 (Australia)
- Adopt newest Z-wave 400series chip, support multichannel operation and higher data rate (9.6/40/100kbps)
- Higher output power (+2.5dBm output power as compared to 2.5dBm 300 series Z-wave module) to enhance the communication range
- 1500mA CR123A Lithium battery to guarantee 5 year battery life
- Built in light sensor while applied to light control
- Adopt Z-Wave protocol to secure the success of wireless two way communication
- With Tamper proof protection
- Easy install
- Low battery indication



ST812 Flood Sensor

- 868.42MHz(EU)
- Operate by 3x1.5v AA type battery
- Transmission distance: up to 100 feet
- Flood sensor cable length: 3m
- LED for indication and battery status
- Built-in 60dB beep tone reminding sound
- Wall mount design for indoor use



Z-Wave Door Lock with Handle

- The TLK-1000 is a Z-Wave controllable door lock that fits into standard European doors. The mechanics can be adapted to right or left opening doors. You don't need to change the lock body you have had when you install it. This wireless control allows to lock/unlock the lock.
- Frequency: US: 908.4MHz, EU: 868.4MHz, AU: 921.4MHz
- Frequency: 868.42 MHz(EU)
- You can unlock it via fingerprint or password both
- Ambient temperature: -20°C-55°C
- Work humidity: 20%-95%
- Voltage: DC 6V
- Emergency power voltage: DC 9V
- Gross weight: 6.5KG±0.05KG
- Protect level: IP55



Z-Wave Smart Home Products

ZXT120 Z-Wave to AC IR Extender

- Frequency: US: 908.4MHz, EU: 868.4MHz, AU:921.4MHz
- 100% Z-Wave interoperable
- Perfect Gateway companion
- Built-in AC IR code library, Built-in temperature sensor
- Built-in 5 direction IR emitters (hemispherical coverage), plus 3.5mm jack for external wired IR emitter
- Programmable power level (LOW or HIGH) for external IR emitter to avoid saturation of IR receivers
- Power Source: USB mini-B, 3xAAA batteries
- Dismountable battery box
- Dimension: Extender unit: 70mm(diameter)*18mm(thickness)
Battery box: 70mm(diameter)*15.5mm(thickness)



ZRC100 Advanced Z-Wave Controller

- Frequency: EU & UK: 868.4MHz, US/Canada: 908.4MHz;
- 100% Z-Wave compliant
- Easy to configure
- Max. 128 Z-wave End-point devices
- Max. 12 scenes
- Supports multi-channel devices
- Dimensions: 161(L)*52(W)*15(H)mm
- Power sources: 4*AAA batteries



Z-Wave Gateway VERA 3

- With a faster processor, more memory for downloading apps and upgraded Wi-Fi, Vera3 is more powerful than ever. Heavy users with multiple device types and plug-in will find Vera3 is up to the challenge. You can add hundreds of devices to your Vera network and even add multiple Veras to your home or small business.
- You have unlimited options for scenes, rooms, timers, events and notifications.
- Frequency: US: 908.4MHz, EU: 868.4MHz, AU:921.4MHz
 - Guaranteed compatibility with ALL Z-Wave devices
 - Convenient User Interface (UI)
 - Bridge Multiple Vera Devices Over IP
 - No Broadband Connection Needed for local control
 - No Monthly Fee - Secure, remote access over web and mobile phone/Apps) is FREE
 - WIFI support
 - CPU 500M Hz MIPS SoC
 - Input AC 100 ~ 240v, 50~60Hz
 - Output DC 12V/2A
 - Battery Pack External, Rechargeable
 - Z-Wave Built-in with internal antennae
 - Dimensions (HxWxD) 177mm x 130mm x 34mm



Z-Wave Gateway VERA Lite

- Vera Lite is created for users that already have a WIFI router and want to add home control at the most affordable price. It is perfect for users with small to medium sized networks. You have unlimited options for scenes, rooms, timers, events and notifications
- Frequency: US: 908.4MHz, EU: 868.4MHz, AU:921.4MHz
 - Guaranteed compatibility with ALL Z-Wave devices
 - Convenient User Interface (UI)
 - Bridge Multiple Vera Lite Devices Over IP
 - No Broadband Connection Needed for local control
 - No Monthly Fee- Secure, remote access over web and mobile phone is FREE.
 - CPU 500 MHz MIPS SoC
 - Power Supply Input AC 100 ~ 240v, 50~60Hz
 - Output DC 12V/2A
 - Battery Pack 4 AA batteries (included)
 - Z-Wave Built-in with internal antennae
 - Dimensions (HxWxD) 116mm x 95mm x 44mm





- Enables complete home control experience
- Value add for consumer's daily life
- Standardized products from multiple vendors

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Z-Wave certified

ISO9001:2008