

CATALOGUE 2021

SMART PRODUCTS VER-4.2

<https://www.protiumonline.com>







We're a lifestyle company, inspired by ideas that promise more comfort, convenience, fun and peace of mind for our customers. We're consistently driven to find ways to live smarter.

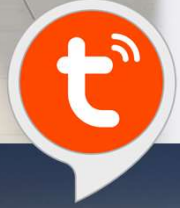
We partner with highly trained system designers and installers who share our vision and passion for smarter living.

By sharing with us how you want to live, we can leverage our solutions to help you create the smart home of your dreams.

ABOUT US

CONTROL
YOUR
SMART
DEVICES BY

- MOBILE APP
- REMOTE (Optional)
- TIMING/SCHEDULES
- VOICE (Alexa/Google)



Work with: ALEXA GOOGLE IFTTT





Surveillance



Entertainment



Security & Alarm



Motion Sensor



HVAC Control



Lighting Control



Energy Saving

SMART PRODUCTS

WE OFFERS.....

SMART REMOTES

IR Universal Remote

Control all IR devices from smart phone and voice
Automate scenes by triggering from sensors



Local IR code



Cloud IR code update



IR control



Wi-Fi/3G/4G control



50,000+ IR codes on cloud



One-button match



Manual learning IR code



Timers and triggers



External sensor (optional)



315/433 MHz

RF control



BroadLink
RM4C PRO/RM4 Pro

BroadLink
RM4C/RM4 Mini

WIFI+IR+RF

WIFI+IR



Protium
SMART LIFE
WIFI+IR



Control your non smart IR/RF remote controlled appliances via mobile app from anywhere.



UNIVERSAL REMOTES



Local IR code



Cloud IR code update



IR control



RF control



Wi-Fi/3G/4G control



One-button match



Manual learning IR code



Timers and triggers



50000+IR codes on cloud



External sensor(optional)



RM4: External Temperature and Humidity Sensor Input



Universal Remotes

- 38K IR Frequency
- Pro Model Supports 433.92Mhz and 315 Mhz RF band
- Multiple-direction infrared
- Timer settings
- Scene Settings
- Anywhere control
- No Hub Required
- Local IR code for faster response
- RM4 Support external sensor accessory (HTS2)



RM4C



RM4 Mini



Protium IR



Magic Cube



RM4C Pro



RM4 Pro



All One Pro

MODEL	IR	RF	App
RM4C	O	X	Broadlink
RM4C Pro	O	O	Broadlink
RM4 Mini	O	X	Broadlink
RM Pro+	O	O	Broadlink
RM4 Pro	O	O	Broadlink
HTS2 (Temp & Hum. Sensor)	-	-	Broadlink

MODEL	IR	RF	App
Protium IR	O	X	Smart Life
Magic Cube	O	X	Orvibo Home
All One Pro	O	O	Orvibo Home



"Alexa, turn on the light."

"Okay"

SMART BULBS



Discontinued: New Models coming soon

6W, E27

7W, B22

YEELIGHT



SMART BULBS



Smart Bulb

6W, E27

7WW, B22

7WS, B22

10W Color

10W CCT

FEATURES

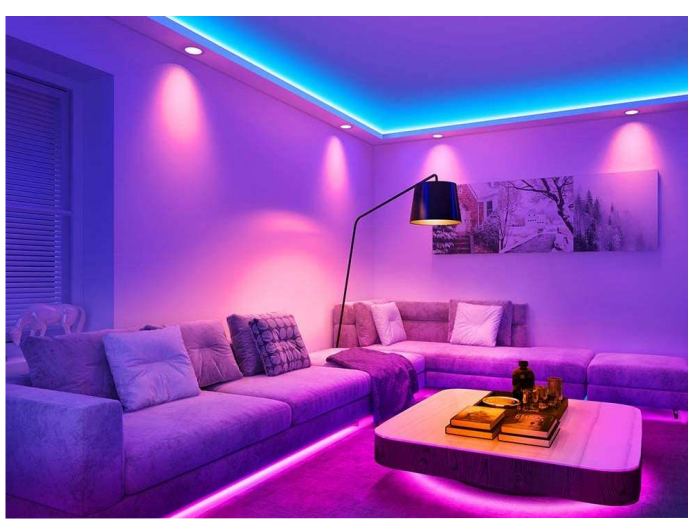
- White and Color Ambience
- Timer settings
- Scene Settings
- Anywhere control
- No Hub Required
- Automation with other smart life app switches

Discontinued: New Models coming soon

SPECIFICATIONS

MODEL	Wattage	Socket	App
6W,E27	6 Watt	E27	Smart life
7WW,B22	7 Watt	B22	Smart life
7WS,B22	7 Watt	B22	Smart life
10W Color	10 Watt	E27	Yeelight
10W CCT	10 Watt	E27	Yeelight





SMART LIGHTSTRIPS & CONTROLLERS

Control from Anywhere

WiFi connectivity allows controlling lights no matter where you are



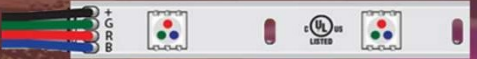
SINGLE COLOR

120L/m, 180L/m 240L/m



RGB

30L/m, 60L/m, 120L/m



RGBW/RGBWW

60L/m



PIXEL 2811/2812B

60L/m



Refer Lighting Catalogue for Light strips and controllers



SMART WALL TOUCH SWITCHES

LET YOUR SWITCH
BE DIFFERENT
FROM NOW ON

 Protium LCD Smart Switch



4 method CONTROL

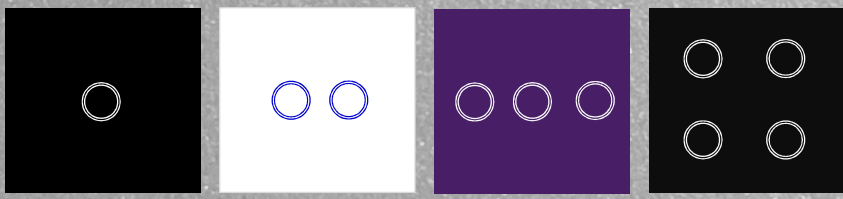
Touch ON/OFF Control
Control Switch via touch button

Mobile App Control
Control Switch Via Mobile app

Voice Control
by Amazon Alexa / by Google Home



RF Remote Control (Optional)
4 Remote options (1-4 Gang)
- Keyring Remote
- A,B,C,D Button Remote
- Navigation Button Remote
- Touch Plate (X86 type) Remote



1 Gang 2 Gang 3 Gang 4 Gang
White / Black / Purple color

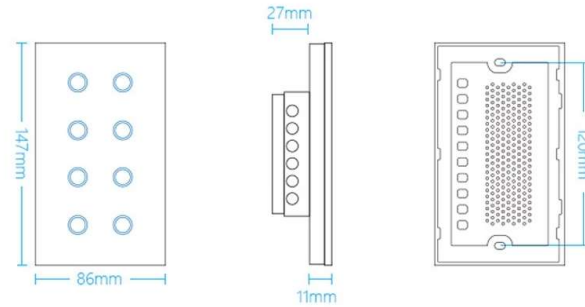
Specifications:

- Size: 86mm×86×32mm, 147mm x 86mm x 38mm
- Panel: Tempered Crystal Glass
- Bottom Materials: Retardant PC
- Rated voltage: AC 100-250V 50/60Hz
- Rated current/Max Current: 3A/10A
- Rated Load: 200W/Ch
- Load type: Incandescent lamp, energy saving lamp, tube
- Wireless Wi-Fi standard: 802.11b/g/n
- Standby Current: 0.001A
- Standby power: 0.25W
- Operating temperature: -25 degree to +60 degree
- Relative humidity:<95%

Combo series

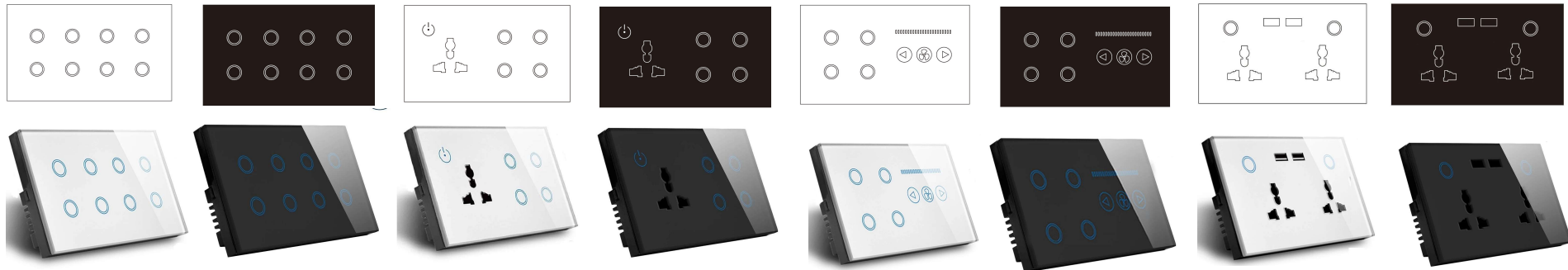
FEATURES

- High quality crystal tempered glass panel design, never fade.
- With blue LED indicator, very distinguished.
- E-start, no sparking contacts.
- Easy to operate
- Lamps status
- Current Statistics
- Support Alexa and google home.
- Brand new imported IC & capacitive touch sense, more superior performance & sensitive touch.
- Applicable to all the common lamps, such as incandescent, fluorescent lamps, led lamps , Fan, and so on
- Suitable for home, office, hotel, hospital and so on



AC SPECS:

- Dimension: 147mm x 86mm x 38mm
- Operating voltage:110V-240V/50-60HZ
- Rated load:1000W/Gang
- Fan load:<600W
- USB 2.0 Load : 5V, 4A Max
- Socket Load : 15A Max (Resistive)
- Frequency: Wifi 2.4G
- Wireless Fidelity : 802.11b/g/n
- Required 5" x 3" Metal or plastic box



Smart Combo Wall Switch	Combo 8 Gang-W	Combo 8 Gang-B	Combo 4 Gang + Socket	Combo 4 Gang + Socket	Combo 4 Gang + Fan	Combo 4 Gang + Fan	Combo Dual USB Socket	Combo Dual USB Socket
Features	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required
Available Color	• White	• Black	• White	• Black	• White	• Black	• White	• Black

MODULAR series



FEATURES

- High quality crystal tempered glass panel design, never fade.
- With blue LED indicator, very distinguished.
- E-start, no sparking contacts.
- Easy to operate
- Lamps status
- Support Alexa and google home.
- Brand new imported IC & capacitive touch sense, more superior performance & sensitive touch.
- Applicable to all the common lamps, such as incandescent, fluorescent lamps, led lamps , Fan, and so on
- Suitable for home, office, hotel, hospital and so on

AC SPECS:

- Operating voltage:110V-240V/50-60HZ
- Rated load:1000W/Gang
- Socket Load : 13A Max (Resistive)
- Frequency: Wifi 2.4G
- Wireless Fidelity : 802.11b/g/n
- Required Separate Modular Plate

Powered by



Intelligence Inside



Smart LCD Wall Switch	ON/OFF MODULE (1-4 G)	DUAL DIMMER MODULE	FAN MODULE	CURTAIN CONTROL MODULE
Features	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required
Available Color	<ul style="list-style-type: none"> • Black • White 	<ul style="list-style-type: none"> • Black • White 	<ul style="list-style-type: none"> • Black • White 	<ul style="list-style-type: none"> • Black • White
Other				

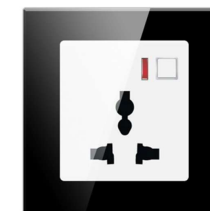
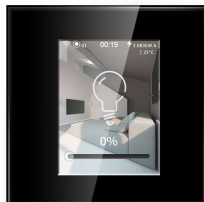
LCDseries

FEATURES

- High quality Capacitive touch screen Multicolour display.
- Stay Personalized: change interface display, Button ICON
- Power Consumption Statistics
- Super Mutual Control
- Easy to operate, Scan code configuration
- Wifi Mesh Network : More faster and Stable
- Support Alexa and google home and IFTTT
- Brand new imported IC & capacitive touch sense, more superior performance & sensitive touch.
- Applicable to all the common lamps, such as incandescent, fluorescent lamps, led lamps , Fan, and so on
- Suitable for home, office, hotel, hospital and so on

AC SPECS:

- Dimension: 86mm x 86mm x 40mm
- LCD resolution:240*320
- Operating voltage:110V-240V/50-60HZ
- Rated load:200W/Gang
- Socket Load : 13A Max (Resistive)
- Frequency: Wifi 2.4G
- Wireless Fidelity : 802.11b/g/n
- Required 3" x 3" Metal or plastic box



Smart LCD Wall Switch	6in1 SMART ON/OFF	DIMMER SWITCH	BOILER SWITCH (16A)	LCD-SOCKET
Features	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required 	<ul style="list-style-type: none"> • Anywhere control • Timer settings • Sharing Control • Energy Monitor • No Hub Required
Available Color	<ul style="list-style-type: none"> • Black • White 	<ul style="list-style-type: none"> • Black • White 	<ul style="list-style-type: none"> • Black • White 	<ul style="list-style-type: none"> • Black • White
Other				



Application of RF Remote

Wall Sticker Switch as dual control



Bed side switch as dual control



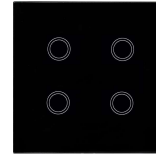
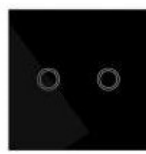
Table switch as dual control



Staircase switch as dual control



RF series



Smart Touch RF Wall Switch	1 Gang Circle	2 Gang Circle	3 Gang Circle	4 Gang Circle	1 Gang Circle	2 Gang Circle	3 Gang Circle	4 Gang Circle
Brand	Protium	Protium	Protium	Protium	Protium	Protium	Protium	Protium
Connection type	WIFI + RF	WIFI + RF	WIFI + RF	WIFI + RF	WIFI + RF	WIFI + RF	WIFI + RF	WIFI + RF
Mobile App	Ewelink	Ewelink	Ewelink	Ewelink	Ewelink	Ewelink	Ewelink	Ewelink
Features	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required Wall switch compatible 2 Gang in one 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required Wall switch compatible 2 Gang in one
Available Color	• Black	• Black	• Black	• Black	• White	• White	• White	• White



Application of RF Remote

Wall Sticker Switch as dual control



Bed side switch as dual control



Table switch as dual control



Staircase switch as dual control



Accessories for RF series

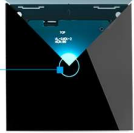


Smart Touch RF Wall Switch	3 Button Touch	3 Button Touch	4 Button ABCD-P	4 Button ABCD-K	4 Button ABCD-S	5 Button Navigation
Brand	Protium	Protium	Protium	Protium	Protium	Protium
Connection type	RF433 Mhz	RF433 Mhz	RF433 Mhz	RF433 Mhz	RF433 Mhz	RF433 Mhz
Mobile App	-	-	-	-	-	-
Features	<ul style="list-style-type: none"> RF 433.92Mhz 2x CR2032 Battery Can be paired with any RF Switch & Sonoff RF 	<ul style="list-style-type: none"> RF 433.92Mhz 2x CR2032 Battery Can be paired with any RF Switch & Sonoff RF 	<ul style="list-style-type: none"> RF 433.92Mhz 2x CR2032 Battery Can be paired with any RF Switch & Sonoff RF 	<ul style="list-style-type: none"> RF 433.92Mhz 2x CR2032 Battery Can be paired with any RF Switch & Sonoff RF 	<ul style="list-style-type: none"> RF 433.92Mhz 2x CR2032 Battery Can be paired with any RF Switch & Sonoff RF 	<ul style="list-style-type: none"> RF 433.92Mhz 2x CR2032 Battery Can be paired with any RF Switch & Sonoff RF
Available Color	<ul style="list-style-type: none"> White 	<ul style="list-style-type: none"> Black 	<ul style="list-style-type: none"> White 	<ul style="list-style-type: none"> Black 	<ul style="list-style-type: none"> White 	<ul style="list-style-type: none"> White

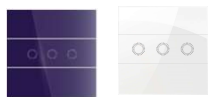
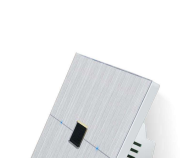
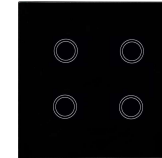
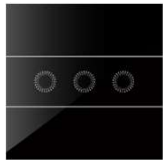
Backlight Indicator

Red & Blue Indicator shows the on/off clearly.

MCU Intelligence chip



Indicate the position in darkness



Smart Tact Wall Switch	Flower 3 gang	Power 3 gang	Double Circle 3 gang	Rectangle 3 gang	Round 4 gang	AC Switch (20A)	Convertible	Finger Print
Brand	Protium	Protium	Protium	Protium	Protium	Protium	Protium	Protium
Connection type	WIFI	WIFI	WI-FI	WI-FI	WI-FI	WI-FI	WI-FI	WI-FI
Mobile App	Smart Life	Smart Life	Smart Life	Smart Life	Smart Life	Smart Living	Smart Living	Smart Living
Features	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required 	<ul style="list-style-type: none"> Can handle up to 20A load. Suitable for AC, Geyser Etc 	<ul style="list-style-type: none"> Convertible to 1,2,3 gang & Curtain Switch 	<ul style="list-style-type: none"> Anywhere control Timer settings Sharing Control No Hub Required Up to 100 Finger prints Can be used as Lock
Available Color	<ul style="list-style-type: none"> Black White Purple 	<ul style="list-style-type: none"> Black White 	<ul style="list-style-type: none"> Black White 	<ul style="list-style-type: none"> Black White 	<ul style="list-style-type: none"> Black White 	<ul style="list-style-type: none"> Black White 	<ul style="list-style-type: none"> Black White 	<ul style="list-style-type: none"> Silver

SMART INLINE SWITCHES

ON/OFF Control
Temp/Humidity
Energy Monitoring*
10A, 16A Options
Multi App Support

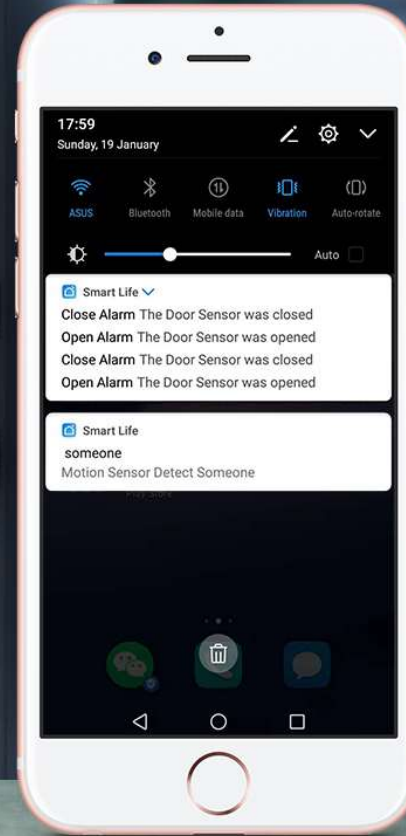


Keep You Informed From Anywhere

APP remote monitoring, door and window magnetic open and close, temperature and humidity monitoring can be pushed to your mobile phone APP.

Remote Alarm, Real-time Master Suspicious Situations in Your Home

When abnormal body movement is detected, the sensor will immediately alarm and push to the phone.



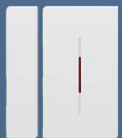
ORVIBO



BroadLink



coming soon



High Sensitivity



Long Transmission Distance



Remote Monitoring



Voice Query



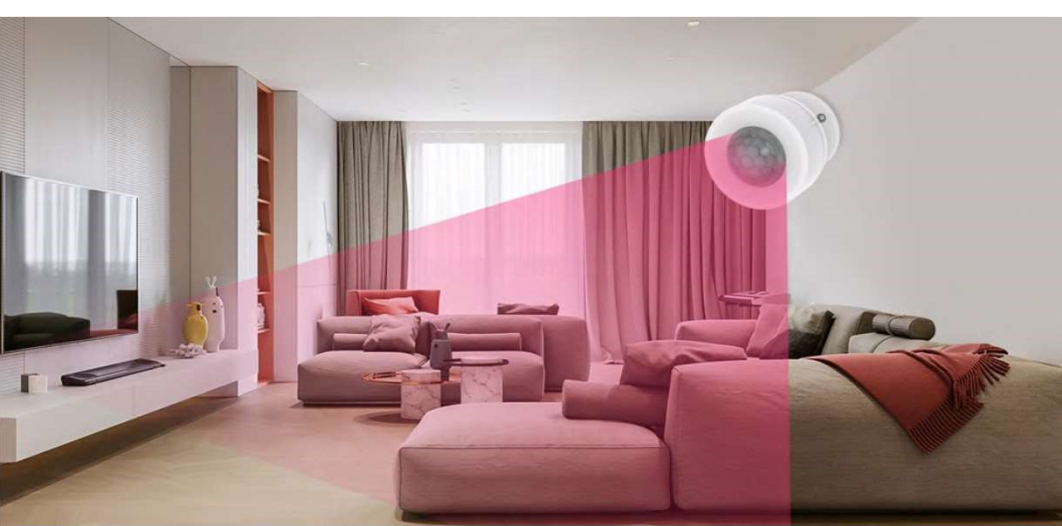
Smart Linkage



Long Battery Life



SMART HOME SECURITY/SENSORS



Model	BROADLINK S2 KIT	ORVIBO SECURITY KIT	SMART PIR SQUARE	SMART PIR EYE BALL	Smart Door Sensor (M)	Smart Door Sensor (S)	Smart Water Leakage Sensor	Temperature & Humidity Sensor/Siren
Brand	Broadlink	Orvibo	Protium	Protium	Protium	Protium	Protium	Protium
Connection type	WIFI + RF	WIFI + Zigbee	WI-FI	WI-FI	WI-FI	WI-FI	WI-FI	WI-FI
Mobile App	Broadlink	HomeMate	Smart Life	Smart Life	Smart Life	Smart Life	Smart Life	Smart Life
Features	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert Home/Away settings 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time view 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert Scene linkage with other smart life device 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert Scene linkage with other smart life device 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert Scene linkage with other smart life device 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert Scene linkage with other smart life device 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert Scene linkage with other smart life device 	<ul style="list-style-type: none"> Smart alarm Remote reminder Real-time alert 58dBA Scene linkage with other smart life device
Contents/ Additional info.	<ul style="list-style-type: none"> HUB Door Sensor PIR Sensor Remote 	<ul style="list-style-type: none"> HUB 2x Door Sensor PIR Sensor Indoor IP camera 	<ul style="list-style-type: none"> PIR Sensor SQUARE 	<ul style="list-style-type: none"> PIR Sensor EYE BALL 	<ul style="list-style-type: none"> Smart Door/window Sensor 	<ul style="list-style-type: none"> Smart Door/window Sensor 	<ul style="list-style-type: none"> Smart Water Leakage Sensor 	<ul style="list-style-type: none"> Temperature & Humidity Sensor/Siren

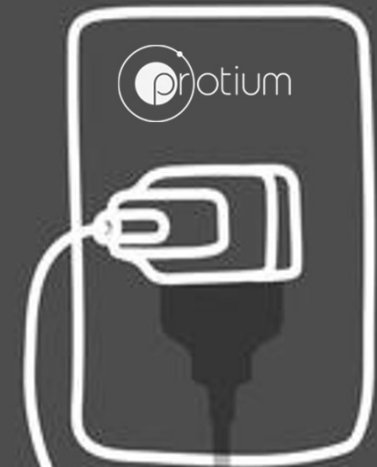
SMART PLUGS & POWER STRIPS

BroadLink

instantly convert your non smart
appliance to mobile controlled smart
home appliance



10A Type D
Series



16A Type M
Series



IP54 Waterproof Sockets



www.protiumonline.com



automation@protiumonline.com

