

EyZEE™ Zigbee protocol smart switches product data sheet.

Zigbee stands out as a globally recognised wireless standard renowned for its versatility in establishing cost-efficient wireless networks while prioritizing low-power consumption solutions. Will work with any open source Zigbee devices. [See www.csa-iot.org](http://www.csa-iot.org)

Key Features of EyZEE™ Zigbee Mesh System:

Mesh Network Topology: EyZEE™ Zigbee adopts a mesh network topology, ensuring multiple pathways for data transmission between nodes with full data encryption.

Low Power Consumption: EyZEE™ Zigbee devices are designed to consume minimal standby power (equivalent one AA battery per year).

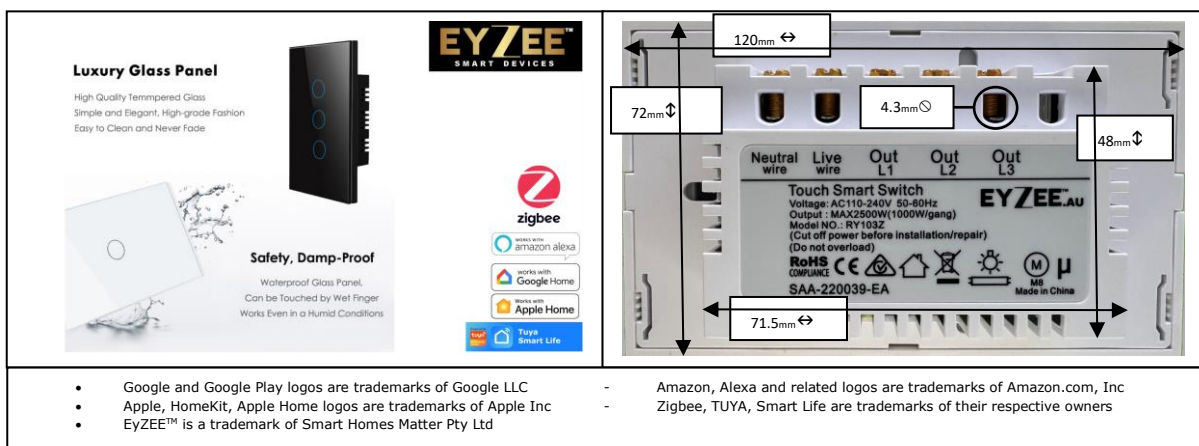
Network Range: Zigbee devices usually work in mesh networks, covering direct distances of 10 to 30 meters. The range can be extended to large areas by adding more Zigbee-powered devices or ranger extenders, as the signal hops from one device to another. However, environmental factors such as concrete walls can affect range.

Signal Amplification: Mains-powered EyZEE™ Zigbee devices such as switches, micro-modules, GPO sockets and lights serve as signal repeaters or routing nodes, enhancing coverage by relaying (hopping) information between devices.

Redundancy: Zigbee mesh networks offer full redundancy for routing nodes, ensuring reliable data transmission pathways.

Self-Configuration: The network possesses self-configuring, self-healing capabilities, simplifying setup and maintenance processes.

Automatic Re-Routing: In the event of link failure or congestion, Zigbee networks autonomously re-route data to ensure seamless connectivity and optimal performance and maintain many functions if internet connection is lost.



Technical Fact Sheet

Model	Smart protocol	Load	Works with voice assistant
1 – 4 Gang switches	Zigbee 3.0	2500w max	Amazon Alexa & Google Home Apple HomeKit (HomeKit hub) Home Assistant compliant
DBL GPO power sockets	Zigbee 3.0	10amp	Amazon Alexa & Google Home HomeKit (Use M1 hub) Home Assistant compliant
Dimmer switch	Zigbee 3.0	600w	Amazon Alexa & Google Home Does not work with HomeKit or HA
Fan Light switch	Zigbee 3.0	2500w max	Amazon Alexa & Google Home Apple HomeKit (HomeKit hub) Home Assistant compliant
Electrician Tips:			
Every switch requires an Active and Neutral wire.			
Faceplates are Tempered Glass so treat with care when removed for installation.			
Glass does not bend, do not overtighten switch mounting screws as this can bend switch housing.			
Two way switching is controlled electronically switches do not have a loop wire see two way switching document			

Smart Life APP Remote Control: Real-time ON/OFF state feedback, you can control all switches in your house by mobile; Support both Android and IOS.

Power Cut Memory Function: Memory the last status when the power restored after power cut.

Multi-Control Function: Two/Three/Four switches(2 way switching) can control the same light from different locations via the app eliminating the need for 2 pole switching. 2 way switching requires Active + Neutral to each switch, only one switch needs to be wired to the light and two way switching is setup and controlled electronically saving time and cost on wiring eliminating the loop wire.

LED Backlight ON/OFF: If you don't want the LED backlight at night when you sleep, you can turn it off/on in the App. Four options for LED backlight (Switch OFF = LED Blue or No backlight. Switch ON = LED Pink or Red)

Control remote devices: Control any device on your Zigbee network from any switch. For example use a spare switch to turn your bedside Zigbee lamp on from the main light switch or link the kitchen to the bedroom as a two way switch.

Colours: White gloss, Black gloss, White silver trim, Black gold trim.

Face Plate Finish: Tempered glass gloss finish.

Size: 120mm x 72mm x 33mm (standard AU/NZ size)

Operating Voltage: 110-240V AC/50Hz~60Hz

Protocol: Requires Zigbee hub or HomeKit Zigbee hub for HomeKit support, it's the hub that makes Zigbee so good.

Certification: RCM logo attached to product. Registered responsible supplier - Smart Homes Matter Pty Ltd registered with erac.gov.au
Certification certificates available at <https://smarthomesmatter.com.au/pages/links>



Warranty: Australian based 12 month replacement product warranty

Contact: admin@smarthomesmatter.au www.smarthomesmatter.com.au