



# TP-301 Z-Wave Scene Planner



Z-Wave Scene Planner is a fully Z-Wave equipped internet Gateway used for home/office/factory automation and remote control. Z-Wave Scene Planner integrates multiple complicated wireless control and internet protocols into one simple PnP device.

Z-Wave Scene Planner, as its name implies, is designed to provide the smartest way to edit, manage and control the Z-Wave smart sensors and devices installed in your locations.

Each Z-Wave Scene Planner hosts a web-based HTML program (Script Builder) with unique ID allowing users to access their accounts wherever they are. Z-Wave Scene Planner gives the greatest flexibility to create the association between sensors and devices to satisfy all your needs for automation.

The Scrip Builder program owns graphic and sensuous interface for users to make easy control over groups of devices triggered by multiple sensors. It's also easy for users to create scheduling of operations for groups of devices on the daily or weekly base.

Thanks to our unique distributed framework design, Z-Wave Scene Planner can communicate with each other through the wireless protocol within one network. This means that you can build up a complex system flawlessly for your application demand.



## Features

- ◆ Distributed framework design
- ◆ Bridge between Z-Wave and WiFi network
- ◆ Remotely control Z-Wave smart home system
- ◆ Support IP camera
- ◆ Support NAT traversal
- ◆ Easy to build up and extend systems within one WiFi network
- ◆ Simple to create your individual scenes
- ◆ Communication & co-operation between each scene planner
- ◆ Collect & upload data to cloud server

### Main Function

<b>Core</b>	CPU Clock Rate	400MHz
	DDR2 SDRAM	64M Bytes
	Flash	8M Bytes
<b>Wireless</b>	Wi-Fi Standard	IEEE 802.11 b/g/n Wireless Local Area Networks
	Wi-Fi Frequency Range	2.4G~2.5GHz
	Measured Data Rates	1 Mbps, 2 Mbps, 5.5 Mbps, 11 Mbps in 802.11b Modes 6Mbps, 36Mbps, 48Mbps, 54Mbps in 802.11g Modes MCS0~MCS7 in both HT20 and HT40 in 802.11n Modes (up to 150Mbps)
	Measured Channels	2.412, 2.442, 2472GHz in 802.11 b/g and 802.11n HT20 Modes 2.422, 2.437, 2.452, in 802.11n HT40 Mode
<b>Ethernet</b>	Interface	RJ-45
	Standard	IEEE802.3
	Speed	10/100Mbps
	LAN WAN	For Bridge or Wireless ISP Mode For Gateway Mode
<b>Z-Wave®</b>	RF Frequency	908.42 MHz (US), 868.42 MHz(EU), 922.5 MHz (JP)
	Data Rate	9.6/40/100kbit/s
	Output Power	-21...+2.5 dBm
	High Sensitivity (Typical Values)	-99 dBm@9.6 kbit/s, -97 dBm@40 kbit/s, -93 dBm@100 kbit/s
<b>LED Indicator Display</b>	Red	Power
	Green	LAN / WAN
	Blue	Z-Wave®
<b>Micro SD Slot (Option)</b>	TF Card	Support up to Ver. 2.0 (SDHC) Compatible with er. 3.0 (SDXC)
<b>Power</b>		
Micro USB	Input	5VDC
Power Adapter	Input	AC 100-240V
	Output	DC 5V/2.5A
Terminal	Input	9~30VDC
Power Consumption	Normal Mode	1.70W
<b>Housing</b>		
Physical Properties	Material	ABS (Plastic)
	Dimension	87(L) x 87(W) x 20(H) mm
	Weight	75g

# TP-301 Z-Wave Scene Planner

1. 2.4GHz Wi-Fi Antenna
2. Z-Wave LED
3. Power LED (Red),  
LAN/WAN LED (Green),  
Wireless LED (Yellow)
4. Reset Button
5. Micro USB, 5VDC Input
6. 9-36VDC Power Terminal
7. RJ45 Port
8. Wall Mount Hole



## EMBERS TECH Co., Ltd.

16F-7, No. 258, Liancheng Rd., Zhonghe Dist.,  
New Taipei City 235, Taiwan (R.O.C.)  
Tel: +886-2-8227-1098  
Fax: +886-2-8227-1028  
E-mail: glen.chiu@empers.com.tw

www.empers.com.tw



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