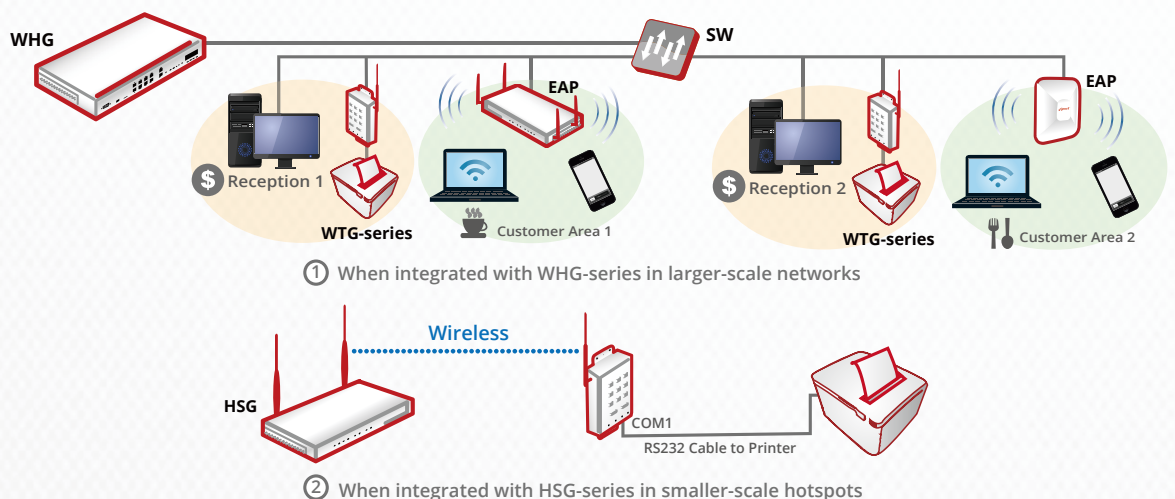# WTG-SERIES
WIRELESS TICKET GENERATOR

INTRODUCTION

As Internet usage continues to become more mobile, customers have an increasing expectation for wireless Internet access at public locations, such as in coffee shops, restaurants, hotel lobbies, convention centers, or airport terminals.

Whether thinking of running a hotspot for free or for a fee, shop owners and small businesses will need a hotspot management system to maintain quality of service for their customers, eliminate free-riders, and keep the network secure. 4ipnet Wireless Ticket Generator Set 2 (WTG2), consisting of SDS200W Wireless Smart Device Server and PRT200 POS Printer, is able to provide the easy hotspot solution that turns a venue instantly into a managed, branded, and moneymaking hotspot.

The WTG2 is a simpler way to serve Wi-Fi in hotspot areas. Designed to support account generation, the keypad-based SDS200W triggers the built-in on-demand billing plan(s) inside 4ipnet WHG Wireless LAN Controllers or HSG Hotspot Gateways, and then prints tickets with the PRT200. Each WHG or HSG can simultaneously support multiple WTG2, making it convenient to provide wireless tickets for guests in different locations.

Another major highlight is that the WTG2 supports QR Code Auto-Login. This unique feature allows guests to login automatically by using mobile devices to scan the QR Code printed on the PRT200's tickets. In addition to the QR Code, information on the printed tickets can be easily customized on the WHG or HSG according to an operator's needs. With the WTG2, creating Wi-Fi accounts and logging in is made much simpler.

① When integrated with WHG-series in larger-scale networks

② When integrated with HSG-series in smaller-scale hotspots

SPECIFICATIONS

SDS200W WIRELESS SMART DEVICE SERVER

Power	✦ Input: 100-240 VAC, 50/60 Hz (Power cord included) ✦ DC Output: 5V / 1.5A
Dimensions	✦ 16.5 cm (L) x 8.2 cm (W) x 2.5 cm (H)
Weight	✦ 0.4 kg (0.83 lbs)
Interfaces	✦ Uplink: 1 x 10/100Base-T Ethernet, Auto MDIX, RJ-45 ✦ Serial: 1 x RS-232 DB9M
Buttons	✦ TAS, Reset
Antenna	✦ Type: 1 x External 2.4 GHz omnidirectional (included) ✦ Gain: 3 dBi (2.4 GHz)
Standard	✦ 802.11b/g/n ✦ Single-band 2.4 GHz
Configuration	✦ Administer the system from any standard web browser

PRT200 POS PRINTER[1]

Power	✦ Input: 24 VDC / 2.5A (Power cord included)
Dimensions	✦ 17.6 cm (L) x 14.6 cm (W) x 12.4 cm (H)
Weight	✦ 1.22 kg (2.69 lbs)
Interfaces	✦ Serial: 1 x RS-232
Print Method	✦ Thermal line printing
Print Speed	✦ 250 mm/sec
Print Life	✦ 100 km
Print Resolution	✦ 576 dots/line or 512 dots/line
Effective Print Width	✦ 72mm
Paper Width	✦ 79.5 ± 0.5mm
Character	✦ ASCII: 12 x 24 dots ✦ Graphic font: 24 x 24 dots
Operating Temperature	✦ 0°C (32°F) to 45°C (113°F)
Storage Temperature	✦ -10°C (14°F) to 60°C (140°F)
Certifications	✦ FCC (United States), CE (Europe), RoHS

PRT100 POS PRINTER[2]

Power	✦ Input: 8.8 VDC / 3.5A (Power cord included)
Dimensions	✦ 18.5 cm (L) x 11.6 cm (W) x 9.3 cm (H)
Weight	✦ 0.90 kg (1.98 lbs)
Interfaces	✦ Serial: 1 x RS-232
Print Method	✦ Thermal line printing
Print Speed	✦ 70 mm/sec
Print Life	✦ 50 km
Print Resolution	✦ 384 dots/line or 8 dots/mm
Effective Print Width	✦ 48mm
Paper Width	✦ 57.5 ± 0.5mm
Character	✦ ASCII: 12 x 24 dots ✦ Graphic font: 24 x 24 dots
Operating Temperature	✦ 0°C (32°F) to 50°C (122°F)
Storage Temperature	✦ -10°C (-4°F) to 60°C (140°F)
Certifications	✦ FCC (United States), CE (Europe), RoHS

*1: WTG2 consists of SDS200W Wireless Smart Device Server and PRT200 POS Printer.
*2: WTG consists of SDS200W Wireless Smart Device Server and PRT100 POS Printer.