Smart WiFi

Model: WIFI-A100 (with RJ45 or 4G as WAN interface, support tapping-for-WiFi feature or login with voucher code)

Smart WiFi

The Smart WiFi is a compact WiFi hotspot device designed to help all indoor venue owners (e.g. dormitories, coffee shops, retail stores, chain shops) provide their visitors an immediate self-service WiFi Internet service.

The device is plug-&-play and easy to install. And the owner can define the WiFi Internet service charge.

The end user just needs 2 steps - tap the smart phone on the scan area of device, connect the WiFi SSID to get the specific WiFi Internet service duration after he/she pays cash to the owner.

The end user can also ask the owner a voucher code for daily /weekly/monthly Internet service usage after he/she pays the cost. The voucher codes can be easily acquired by the owner via his smartphone. With the optional thermal printer, the owner can directly print account vouchers. After the end user buys an account voucher, he/she can enter the voucher code in the login page on any PC or WiFi-enabled device, and then access Internet through the Smart WiFi.

Smart WiFi with Tapping-for-wifi feature (optional)

The tapping-for-wifi feature offers much easier operation. It will greatly help the owner to foil WiFi-squatters, especially in public locations like restaurants, hotel halls, bars, coffee shops...

Thermal Voucher Printer (optional)

BASIC FUNCTIONS

- Offer taping-for-wifi service for temporary users, and voucher code login for long-term users;
- Provide WiFi signal range at 100 meters (outdoor) / 30 meters (indoor);
- Support online metering;
- Provide user-friendly pop-up instruction page to tell end users how to get WiFi service;
- Provide real-time information of online duration and traffic to ensure end user's benefits;
- Offer web-based Network Management System (NMS) to manage 1000 sets of online Smart WiFi and provide exportable statistics reports (optional).
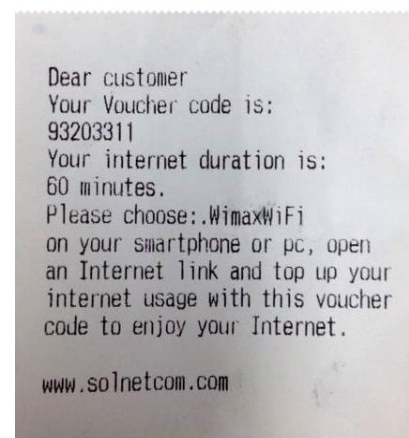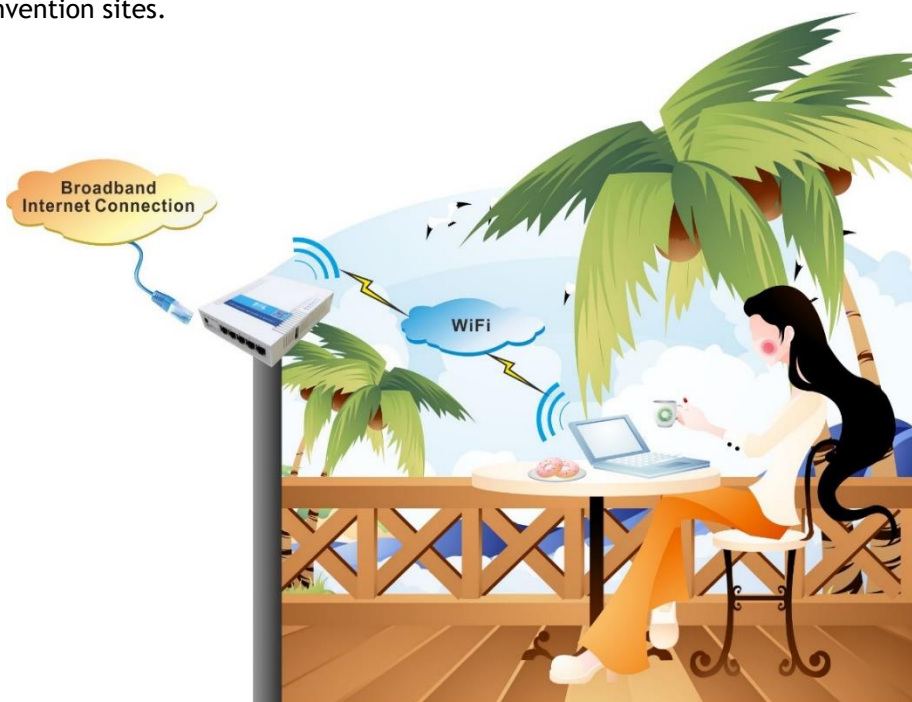

Printed Voucher

HIGHLIGHTS

- No inquiry, no username, and no password is required; just tap the phone and get WiFi;
- Simple operation via webpage to help the operator perform routine operation, and print account voucher, even without computers or experienced technician (optional feature);
- Plug-&-Play: only AC power supply and Internet cable connection are required; no local configuration is needed;
- Support roaming between chain stores with the same account (optional);
- Support 50 concurrent users.

BENEFITS

- Venue owners can get extra revenue by providing WiFi service and attract more visitors which is good for his original business;
- Venue owners can display advertisements for their products on the login page for better promotion, or show ads for other shops to get income;
- Travelers can get quick and cheap Internet access without paying expensive charge for data roaming or new SIM card;
- Via stable and fast WiFi connection, visitors can watch video or even live show, or use high-speed VPN to connect enterprise network from any WiFi-enabled laptop, PDA, smart mobile phone, or handheld device.

APPLICATION

- Long-stay place: dormitories, apartments, hotels, hospitals;
- Crowed public place: stations, food centers, restaurants, coffee shops, pubs, lounge bars, Karaoke bars, beauty salons, chain shops, lobby of banks/hotels;
- Sports area and recreation centers, like bowling, billiards;
- Tourism place: international airports, beaches, parks, swimming pools, exhibition and convention sites.

TECHNICAL SPECIFICATIONS

Environmental Conditions	- Temperature: 5°C to 45°C (operation) / -10°C to 60°C (storage) - Humidity: 10% ~ 85% non-condensing
Power Requirement	- External power adaptor (input: 100~240 VAC, 50/60 Hz / output: 12VDC, 1A) - Power consumption: 7 watts
WiFi Operation Range	Radius up to 100 meters (outdoor) / 30 meters (indoor)
WiFi Frequency Range	BAND 2.412 to 2.484 GHz (and 5.150 to 5.875 GHz, optional)
Supported 4G Frequency Bands (optional)	LTE FDD: DD800/900/1800/2100/2600MHz
Supported Max. 4G Data Speed (optional)	LTE FDD: Cat4 Download: 150Mbps / Upload: 50Mbps @20M BW
Networking	- IEEE 802.11 b/g/n Wireless LAN - Zero end-user configurations
Authentication	- Built-in user authentication and accounting
Remote Management via NMS (optional)	- Setting of WiFi name, data speed limit - Offer voucher codes for long-term wifi service - Usage records of WiFi Internet service - Supervision on running status of each machine
Thermal Printer (Optional)	- Mechanical Lifespan: Paper length of 50 km - Print Speed: 60 mm/s - Supported Paper: width - 57.5±0.5 mm / roll diameter – Ø65mm - Dimensions: 205mm X 125mm X 92mm - Weight: 0.74kg - Power supply: external power adapter AC110/220V 50~60Hz to DC12V/3A
Supported Device for Tapping	Any WiFi-enabled mobile phone, tablet, laptop, PSP, PDA, etc.
Structural	- Housing Material: ABS plastic - WAN Interface: 1x RJ45 port, or external 4G USB modem (optional) - LAN Interface: 4x RJ45 ports - Antenna: 1x WiFi (built-in) - USB Interface: for thermal printer and/or 4G USB modem - Dimensions: 113mm X 138mm X 29mm - Weight: 0.3 kg - Packing Dimensions: 260mm x 150mm x 50 mm (not including printer) - Packing Weight: 1 kg (not including printer)

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