Smart WiFi

Model: WIFI-A100 (RJ45 Version)

Smart WiFi is a money-making WiFi router. It provides visitors an immediate WiFi Internet service in public places. And the owner can get revenue by selling WiFi service (based on time or traffic data) through this device via voucher codes.

Everyone has a smartphone, but not everywhere have WiFi. Smart WiFi can **fill this huge gap** between WiFi needs and WiFi Coverage. The device is **plug-&-play** and easy to install. And the best part is all investment can be **returned in 1 month**.

FUNCTIONS

- Support login with voucher codes.
- Provide **big WiFi signal range** (around 100 meters for outdoor / 30 meters for indoor).
- Support around **50 concurrent users** (depending on the bandwidth of Internet access) and optional high-end version can support up to 500 concurrent users.
- Provide user-friendly **pop-up instruction page** to tell end users how to get WiFi service.
- Offer **cloud-based NMS** (Network Management System) to monitor all online device remotely.
- Support **account roaming** between different Smart WiFi to help end users enjoy your WiFi service in multiple sites.

What do You Need to Prepare?

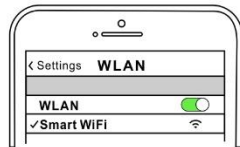## ONLY INTERNET AND POWER

1. Connect Internet Cable
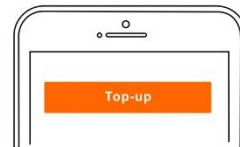

2. Plug in the device
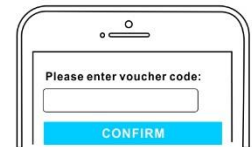
What can Smart WiFi do?

1) Sell WiFi via Voucher Code

WiFi Top-up Card — 2 Hours

Serial Number: 1234567890
PIN Code: 1325325136

1. Generate Voucher Codes in NMS & Sell the Codes to Clients

‹ Settings   WLAN
WLAN
✓ Smart WiFi

2. Ask the Client to Switch on WiFi & Connect Device's SSID

Top-up

3. Click "Top-up" Button

Please enter voucher code:

CONFIRM

4. Enter the Voucher Code & Click "Confirm"

2) Sell WiFi via Thermal Voucher Printer

$1 $2 $5
Enter other amount $
CONFIRM

1. Generate Voucher Codes in NMS, & Use Android App to Print the Codes on Thermal Voucher Printer
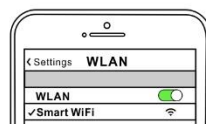
‹ Settings   WLAN
WLAN
✓ Smart WiFi

2. Ask the Client to Switch on WiFi & Connect Device's SSID

Top-up

3. Click "Top-up" Button

Please enter voucher code:
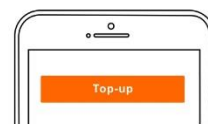
CONFIRM
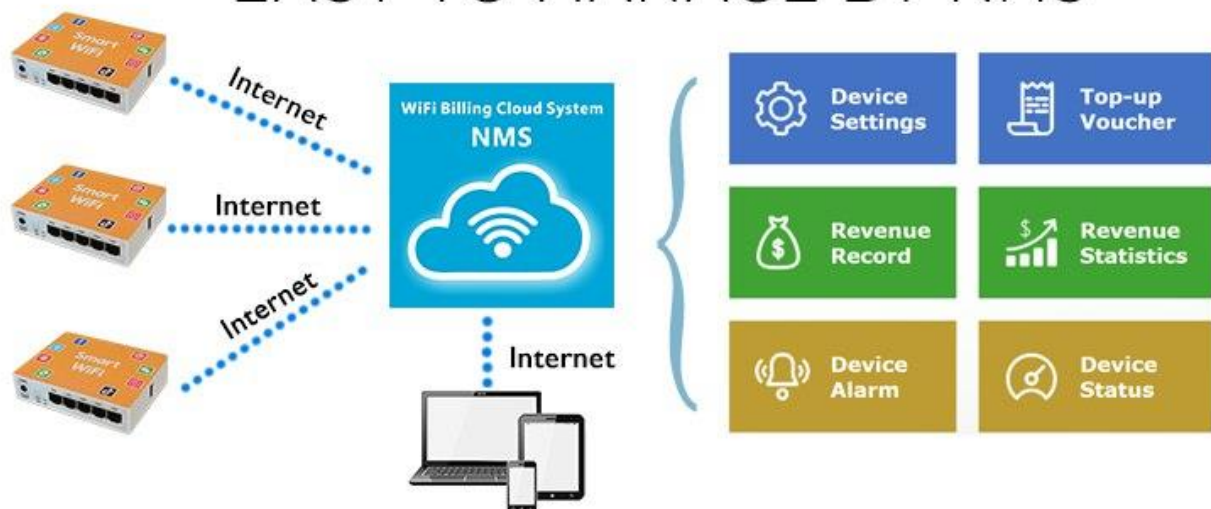
4. Enter the Voucher Code & Click "Confirm"

FEATURES

30 (indoor) / 100 (outdoor) Meters Range
50 Concurrent Users

* WiFi Signal Range will vary with actual installation environment.

* Number of supported concurrent users depends on the bandwidth of Internet access.

* High-end version of device can support up to 500 concurrent users.

EASY TO MANAGE BY NMS

BENEFITS

- Venue owners can **get extra revenue** by providing WiFi hotspot 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.
- Visitors can check/send email, browse websites, and watch videos from **any WiFi-enabled** smart mobile phone, tablet, laptop, or handheld device.

APPLICATION

Suited for **indoor or storefront public environment**, such as:

- **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**: gyms, bowling, billiards.
- **Tourism place**: international airports, beaches, parks, swimming pools, exhibition and convention sites.

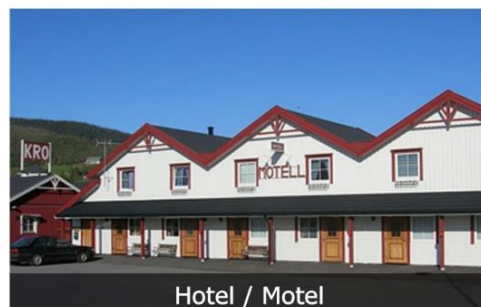Canteen / Food Center / Restaurant

Internet Cafe

Beach Bar

Hospital Waiting Room

Bus / Railway Station

Hotel / Motel

OPTIONAL ADD-ONS

Access Point (WiFi Extender)

- Can extend the wifi signal range to attract more users
- Work in dual-band: 2.4 & 5.8 GHz
- Support PoE in
- Provided with waterproof casing
- Shall connect to machine via Ethernet cable
- Approximate extended range: around 120 meters (outdoor) / 50 meters (indoor)
- Dimensions: 358mm (H) x 85 mm (W) x 45mm (D)
- Weight: 0.2 kg

How to Extend WiFi Coverage via AP?
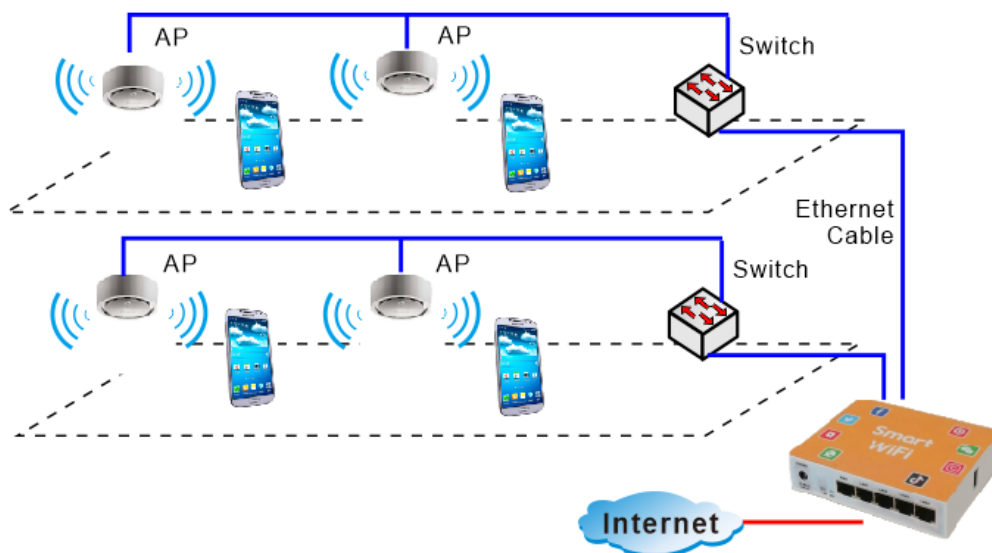
Thermal Voucher Printer

- Shall work with our Android App
- Mechanical Lifespan: Paper length of 50 km
- Print Speed: 90 mm/s
- Resolution: 203 dpi
- Supported Paper: width - 57.5±0.5 mm / roll diameter – Ø65mm
- Power supply: external power adapter AC110/220V 50~60Hz to DC12V/3A
- Dimensions: 222mm X 140mm X 120mm
- Weight: 0.92kg

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: 12~24VDC, 0.8A) - Power consumption: 4 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
Networking	- IEEE 802.11 b/g/n and 802.11 a/n/ac Wireless LAN - Zero end-user configurations
Authentication	Built-in user authentication and accounting
Remote Management via NMS (optional)	- Setting of WiFi name and data speed limit - Offer voucher codes for wifi access - Revenue records of WiFi Internet service - Supervision on running status of each device
Structural	- Housing Material: ABS plastic - WAN Interface: 1x 10/100Mbps RJ45 port - LAN Interface: 4x 10/100Mbps RJ45 ports - Antenna: 1x WiFi (built-in) - USB Interface: for thermal voucher printer - Dimensions: 113mm X 89mm X 28mm - Weight: 0.2 kg - Packing Dimensions: 155mm x 155mm x 52 mm - Packing Weight: 0.3 kg

Know more about us at:
https://www.wifibrother.com/
https://solnetcom.en.alibaba.com
https://www.youtube.com/c/WiFiBrother
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Doc No.: SOL-Hotspot-Datasheet22031801a