Specification Sheet

ONECLICK W100

ONECLICK W100
World Class Wi-Fi external terminal
Multi AP mode, TCP over Serial, Easy configuration, Web server

The Most Advanced and Innovated Wi-Fi Terminal

W100 provides many advantages for companies who need solutions to need serial to Wi-Fi gateway for machine to machine (M2M) applications such as AMR, Automotive, Security, Vending, Industrial, Automation, etc. W100 provide many functions for Multi AP Router as well.

About EES Corp Co,. Ltd

As one of the most popular manufacturers of ETF-POS in Korea, EES Corp Co., Ltd. were established in 2007 in the name of Enterprise Electronic Service for providing payment terminal.
EES Corp Co,. Ltd has kept developing and introducing new products to the market gaining good reputations from customers in the world.
As a worldwide leader of ETF-POS systems, EES Corp Co,. Ltd operates from manufacturing and development as your partner.
Now, we have provided basically 1year warranty for all of our products based on long term accumulated QC and RMA system. (The warranty period can be also extended more by a separate agreement.)

EES Corp Co,. Ltd started the IOT(Internet Of Things) business as a new additional growth engine for but only Korea market, but also World-Wide market.
We promise that we will provide the most advanced and Innovated ETF-POS and IOT products as your best partner.

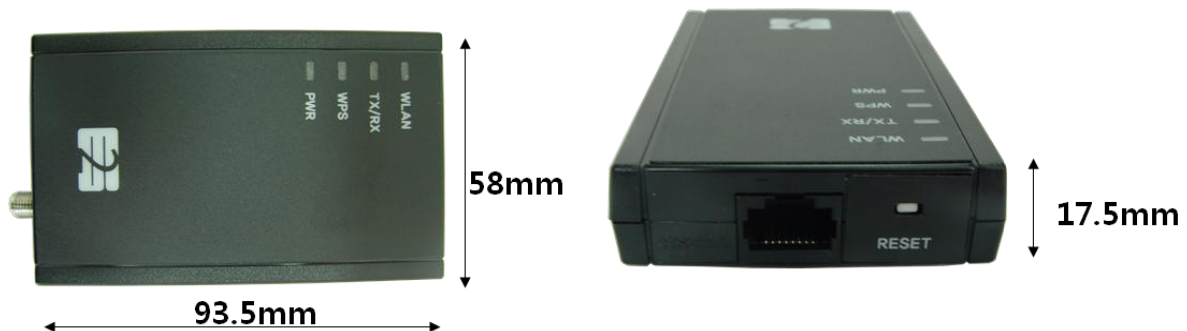## *Supporting all your requirements for your projects*

Now various OEM or technical customization services are given to long term partners. We are trying to reflect all customer requirements from the embedded board modification level up to slight housing design change.

Standard	IEEE 802.11 b/g/n standards compliant
Wireless LAN	1T1R Mode
Antenna	SMA Connector
Interface	USB*1 (Host) UART*1(RJ-45 connector) Power : 5 ~ 18V
Frequency Range	2.400 ~ 2.4835GHz (subject to local regulations)
Number of Selectable Channels	802.11n 20MHz/40MHz ; 802.11b/g USA, Canada (FCC):11 channels (2.412GHz~2.462GHz) Europe (CE): 13 channels (2.412GHz~2.472GHz) Japan (TELEC): 14 channels (2.412GHz~2.4835GHz)
Data Rate	802.11n: up to 150Mbps 802.11b: 1, 2, 5,5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Coverage Area	Up to 3 times faster than existing 802.11 b/g products
Transmit Power(EIRP)	11n HT40 MCS7 : +13 dBm 11g OFDM: +15 dBm 11b CCK: +18 dBm
Receiver Sensitivity	-66dBm at HT40 MCS7 -73dBm at 54Mpbs -86dBm at 11Mpbs
Power Consumption	Peak Current 480mA Normal Current 380mA Stand By Current 280mA
Dimension	58x93.5x17.5 mm
Certifications	KC Certification and FCC/CE by request

Dimension and Drawing

93.5mm   58mm   17.5mm

Function Description

FRONT

Status LED — WLAN
TX LED — TX/RX
RX LED — WPS
Power LED — PWR

Antenna connector

SIDE

Reset butten

RJ-45 for RS 232 C

Competitive Features

- 1 years Warranty (The warranty period can be also extended more by a separate agreement.)
- Long term life time support up to 5 years
- Long term experiences and know-how accumulated in the fields since 2007.
- Customization or OEM/ODM is available

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