EKI-6233BN

Industrial Wi-Fi Client

NEW

Features

- Support a/b/g/n 2x2 MIMO
- WLAN transmission rate up to 300Mbps
- Support secure access with WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise
- Provide Web-based configuration
- Support Dual band 2.4/5GHz selective
- Support Fast Roaming function

Introduction

EKI-6233BN WI-Fi client device allow data transmission from LAN interface via Wi-Fi wireless technology transmit a network. Design with one Ethernet port and 802.11 a/b/g/n 2x2 MIMO supported. EKI-6233BN provide a quick, simple and cost-effective way to bring the remote management and data accessibility to thousands of devices that cannot connect to a network. In addition, you can actively request data or issue commands from wireless LAN side. Thus, the EKI-6233BN especially suitable for remote monitoring environments such as security systems, factory automaton and the mobile device on car.

Specifications

Ethernet Communications

- **Port Type**   RJ45
- **No. of Ports**   1
- **Speed**   10/100 Mbps

Wireless LAN Communications

- **Compatibility**   IEEE 802.11a/b/g/n
- **Network Mode**   Client
- **Antenna Connector**   Reverse SMA
- **No. of Antenna**   2
- **Wireless Security**   WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise

Physical Specifications

- **Enclosure**   Metal shell with solid mounting kit
- **Power**   12 ~ 48 V_{DC} (terminal block - redundant dual input)
- **Power Consumption**   2W maximum
- **Dimensions (L x W x H)** 25 x 103 x 95 mm (0.98" x 4.06" x 3.74")
- **Mounting**   Din rail, Wall
- **Weight**   300g

Environment

- **Operating Temp.**   -40 ~ 70°C (-40 ~ 166°F)
- **Storage Temperature**   -40 ~ 80°C (-40 ~ 176°F)
- **Humidity**   10% ~ 95% non-condensing

Antenna

- 2 x 5dBi Wi-Fi antenna

Software

- **Configuration**   Web Browser
- **Protocol**   ARP, ICMP, IPv4, IPv6, SNMP, Telnet, TCP, UDP, DHCP Client, DNS, HTTP, SNTP
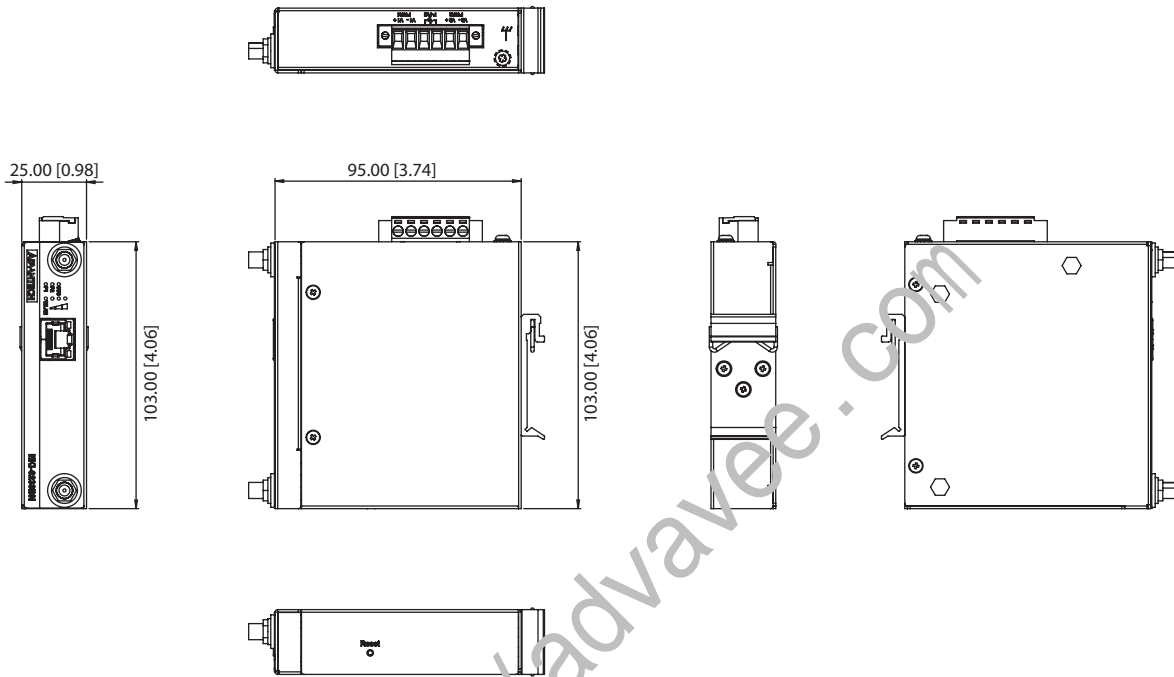- **Wireless Security**   WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise

General

- **LED system**   Power, system status
- **WLAN**   Quality, Link/Active
- **LAN**   Link/Active
- **Reboot-trigger**   Bulit-in watch dog timer

Regulatory

- **Certification**   CE/RED/FCC

Dimensions

Unit: mm [in.]

25.00 [0.98]

95.00 [3.74]

103.00 [4.06]

103.00 [4.06]

Panel Cut-out Dimensions: 25 x 103 x 95 mm (0.98 x 4.06 x 3.74 inch)

Ordering Information

- **EKI-6233BN-A**   Industrial WI-FI Client

Online Download www.advantech.com/products