

EKI-6233BN

Industrial Wi-Fi Client

Preliminary



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

Introduction

EKI-6233BN Wi-Fi client device allow data transmission from LAN interface via Wi-Fi wireless technology transmit to 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** WiFi 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

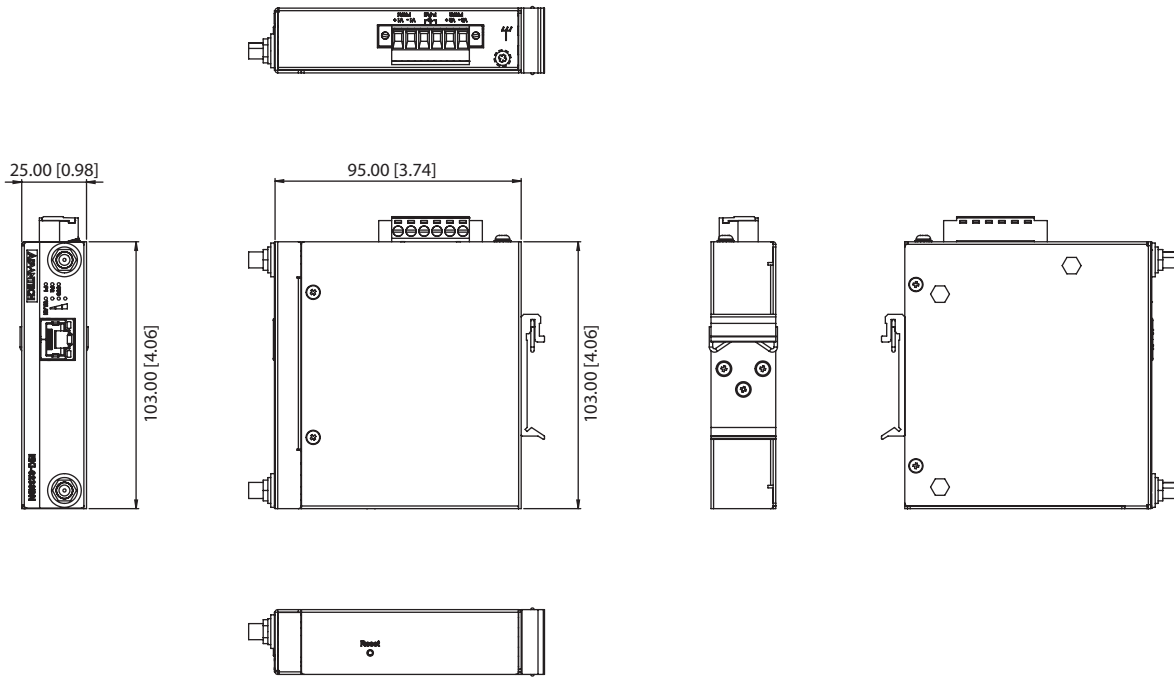
- **LED system** Power, system status
- **WLAN** Quality, Link/Active
- **LAN** Link/Active
- **Reboot-trigger** Bulit-in watch dog timer

Regulatory

- **Certification** CE/RED/FCC

Dimensions

Unit: mm [in.]



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