EKI-6333AC-4GP

Idustrial IEEE 802.11 a/b/g/n/ac Wi-Fi AP with PoE

Features

- Support 802.11n MIMO 2T2R
- WLAN transmission rate up to 867 Mbps
- Supports secure access with WEP, 802.1x, WPA/WPA2-Personal, WPA/WPA2-Enterprise
- Provides Web-based configuration
- Support Dual band 2.4G/5GHz concurrently
- 4 Gigabit Ethernet Port with PoE 802.3at PSE support

Introduction

The EKI-6333AC-4GP is a feature rich wireless AP with din-rail type design which provides a reliable wireless connectivity for industrial environments. As an 802.11n compliant device, EKI-6333AC-4GP provides 6 times higher data rates than legacy 802.11g devices.

With the support of WMM, EKI-6333AC-4GP effectively improves the reliability of wireless connectivity, especially in applications that need high reliability and high throughput data transmission. To secure wireless connections, EKI-6333AC-4GP implements the latest encryption technologies including WPA2/WPA/802.1x for powerful security authentication.

Specifications

Ethernet Communications

- **Port Type**   RJ45
- **No. of Ports**   4 with 802.3at PSE
- **Speed**   10/100/1000 Mbps

Wireless LAN Communications

- **No. of Radio**   2 (Dual Radio)
- **Compatibility**   IEEE 802.11a/b/g/n/ac
- **Speed**   Up to 867Mbps for 11ac
- **Network Mode**   AP/Router/Bridge/Station
- **Antenna Connector**   Reverse SMA
- **No. of Antenna**   4 (Support 2T2R for each Radio)
- **Free Space Range**   Open space 100 m
- **Wireless Security**   WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise

Software

- **Management**   Web, Telnet CLI, command script, SNMPv3 Standard
- **Security**   VPN: IPSec, OpenVPN, PPTP, L2TP, GRE
  Firewall: SPI firewall with stealth mode, IPS
  Access Control: Packet filter, URL blocking, MAC filter
- **Event Handling**   Management/Notifying Events, Syslog, Email Alart
- **Diagnostic**   Packet Analyzer, Diagnostic Tools

Mechanics

- **Enclosure**   Metal shell with solid mounting kits
- **Mounting**   DIN-rail, Wall (optional)
- **Dimensions (W x H x D)** 62 x 160 x 125 mm
- **Weight**   1.5 kg

General

- **LED Indicators**   System: Power, System Status
  WLAN: Quality, Link/Active
  LAN: Link/Active
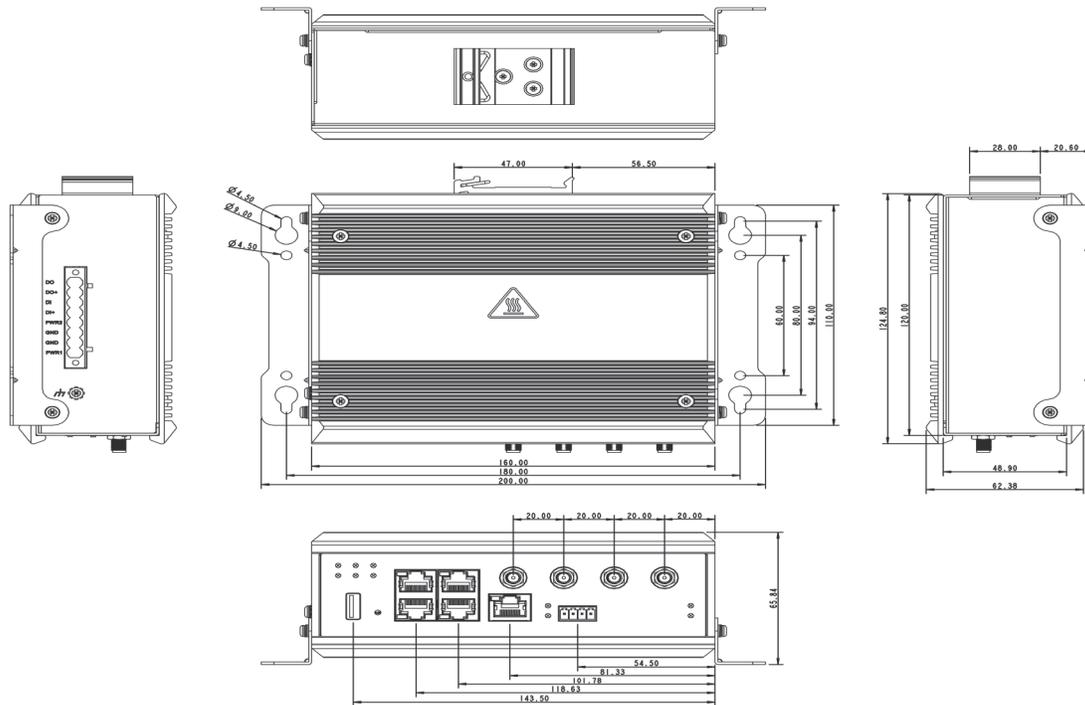- **Reboot Trigger**   Built-in WDT (watchdog timer)

Power Requirements

- **Power Input**   24 ~ 56 V_{DC}, Redundant dual inputs
- **Power Connector**   Terminal block
- **Power Consumption**   20W (120W for 4xPDs)

Environment

- **Operating Temperature**   -30 ~ 70°C
- **Storage Temperature**   -40 ~ 80°C (-40 ~ 176°F)
- **Operating Humidity**   10 ~ 95% RH

ADVANTECH   **IP Gateway and Serial Device Servers**

All product specifications are subject to change without notice.   Last updated: 17-Jun-2020

Dimensions

Unit: mm

Ordering Information

- **EKI-6333AC-4GP-A**   Industrial 802.11 a/b/g/n/ac Wi-Fi AP with PoE PSE