

KyAir100E

Industrial Wireless AP



» Overview

KyAir100E-4GE-L17 is a wireless data terminal that supports 2 5G frequency bands, supports fast roaming, seamless roaming, and zero data switching waiting. At the same time, it provides 4 Gigabit LAN ports, 1 Gigabit WAN port, and integrates 5-port switch functions. The maximum wireless transmission rate can reach 867Mbps, and the transmission data is stable. The product is a metal shell, which is strong and reliable, and is widely used in scenarios such as AGV navigation vehicles and handling robots. The product adopts a unique dual 5G roaming foundation with strong anti-interference ability, which greatly reduces the time for newly discovering suitable links and linking links during the roaming process, effectively guarantees the real-time performance of data transmission, and improves the reliability of wireless network communication.

» Key Features

Support 802.11 ac standard and 2x2 spatial stream, support up to 867Mbps wireless bandwidth

Support 2 5G frequency bands to search and connect wireless hotspots at the same time

Provides up to 5 Gigabit network interfaces

Convenient installation size: 140 * 90 * 32mm

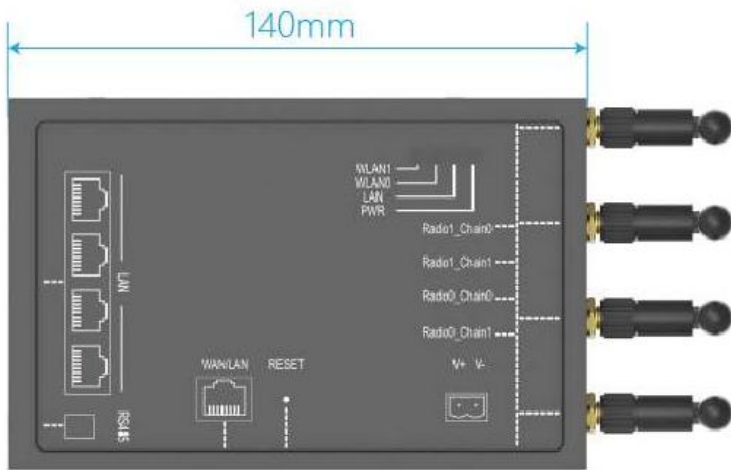
Support various installation methods such as rail, wall-mounted, bracket

Wide voltage input, support 12V ~ 48VDC voltage

» Product Specifications

Hardware Specifications	Network interface	5 * 10/100/1000Mbps RJ45
	Serial interface	1 * RS485 serial port
	Maximum transmit power (single channel)	5GHz 0: 17,5dBm @ VHT20 MCS0 5GHz 1: 17,5dBm @ VHT20 MCS0
	Antenna gain	5 dBi
	Antenna beamwidth	Omnidirectional 360 °
	Power Supply	Power input: 12-48V DC
	Installation method	Wall Mount
	Operating temperature	-20°C~55°C
	Storage temperature	-40°C~85°C
	Ambient Relative Humidity	5% ~ 95% non-condensing
Software Specifications	Standard	IEEE 802.11 a/n/ac
	Frequency	Dual 5G
	Working mode	Client Mode
	Roam	Roaming enhancement
	Security protocols	WPA2-PSK
	Network model	Bridge
	Management	Support Web management

» Mechanical Drawing



 **Order Information**

Product Model	Description
KyAir100E-4GE-L17	Industrial Dual Radio 5GHz Concurrent Wireless Client, 802.11a/n/ac WLAN, support 4xGigabit LAN port+1x Gigabit WAN port, data rates up to 867Mbps, support 12-48V DC power input

Version:2024-03-14 16:44:25