AMY-5133-AC-PD

Industrial IEEE 802.11 AC 5GHz Wireless AP/Client Bridge

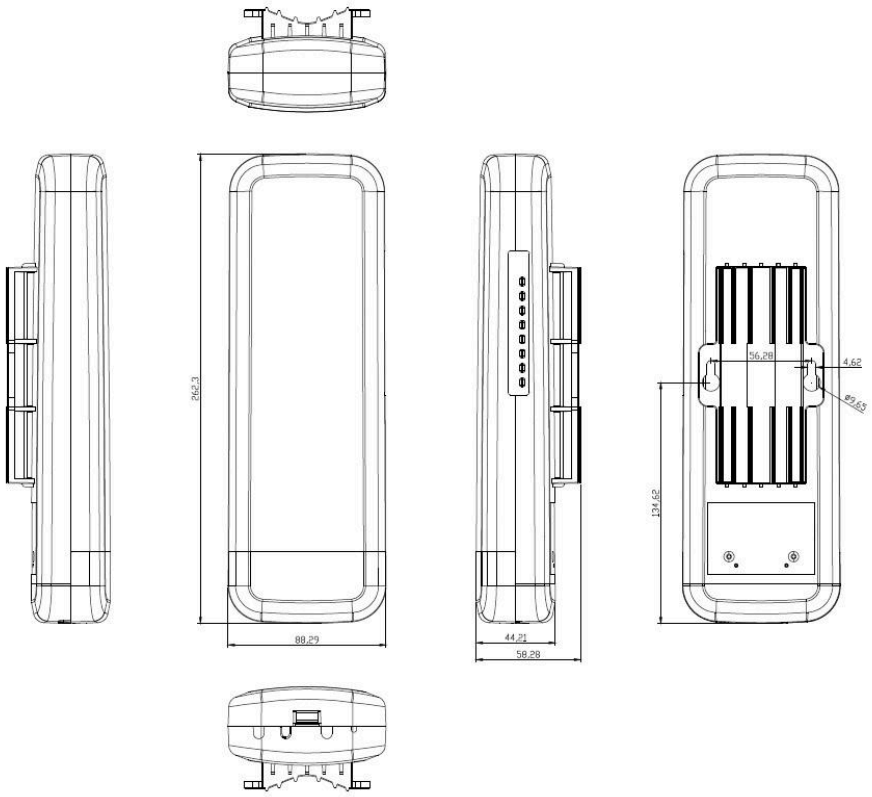
FEATURES

- **High-speed WLAN Supports Up to 867Mbps**
- **Supports IEEE 802.11AC**
- **MIMO Wireless Solution (Dual 2Tx/2Rx)**
- **PD (Powered Device) IEEE 802.3af/at Compliant or External Power**
- **Supports Ethernet Gigabit WAN/LAN Port**
- **Qualcomm QCA9563+QCA9886+QCA8334**
- **Up to 24dBm Tx Power**
- **Built in 14dBi MIMO Panel Antenna**
- **Pole or Wall Mountable**
- **Operating Temperature: -30°C to 45°C**
- **2-Year Warranty**

INTRODUCTION

Antaira Technologies' AMY-5133-AC-PD is a simple point to point or point to multipoint IEEE 802.11 radio with a gigabit PoE wired interface. The gigabit Ethernet IEEE 802.3af/at interface provides a means to power and deliver data making setup fast and clean. Alternatively an external power supply may also be used to power the device, power supply sold separately. Industrial Switches on the device make it possible to set up a bridging pair without having to access the software for simple solutions. This product is ideal for applications requiring a quick and easy wireless bridge.

DIMENSIONS



SPECIFICATIONS

HARDWARE	
Chipset	Qualcomm QCA9563+QCA9886+QCA8334
Standard	IEEE 802.11 ac/a/n, MU-MIMO technology
Memory	128MB DDR2 RAM
Flash	16MB
Interface	2- 10/100/1000 RJ45 LAN Port 1- Reset button 1- DC power jack 1- AP/Repeater operation mode switch
Antenna	Built in 14dBi MIMO Panel Antenna
Power Consumption	48V PoE
System Power Consumption	3 Watts
RF DATA	
Frequency	5GHz: 802.11a/n/ac 5GHz: 4920~5920MHz
Throughput	867Mbps
MECHANICAL CHARACTERISTICS	
IP Rating	IP52
ENVIRONMENTAL LIMITS	
Operating Temperature	-30° to 45°C
Storage Temperature	-40°~70°C
Ambient Relative Humidity	5 to 95%, (Non-condensing)

RECEIVE SENSITIVITY AND RF POWER	
RF Power	802.11ac 20MHz BW, MCS0 maximum Tx Power of 24dBm +- 2dBm per chain 802.11ac 20MHz BW, MCS7 maximum Tx Power of 20dBm +- 2dBm per chain 802.11ac 20MHz BW, MCS9 maximum Tx Power of 19dBm +- 2dBm per chain 802.11ac 40MHz BW, MCS0 maximum Tx Power of 24dBm +- 2dBm per chain 802.11ac 40MHz BW, MCS7 maximum Tx Power of 20dBm +- 2dBm per chain 802.11ac 80MHz BW, MCS9 maximum Tx Power of 19dBm +- 2dBm per chain 802.11ac 80MHz BW, MCS0 maximum Tx Power of 24dBm +- 2dBm per chain 802.11ac 80MHz BW, MCS7 maximum Tx Power of 20dBm +- 2dBm per chain 802.11ac 40MHz BW, MCS9 maximum Tx Power of 19dBm +- 2dBm per chain
Receive Sensitivity	802.11ac Rx Sensitivity 20MHz BW, MCS9 -62dBm, MCS7 -67 dBm, MCS0 -89 dBm 802.11ac Rx Sensitivity 40MHz BW, MCS9 -61dBm, MCS7 -66 dBm, MCS0 -88dBm 802.11ac Rx Sensitivity 80MHz BW, MCS9 -60dBm, MCS7 -65 dBm, MCS0 -87 dBm
EVM	802.11a: ≤-25dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB
PPM	±20ppm
OTHERS	
Package Contents	867Mbps outdoor PTP LAN cable Install Accessory
Certifications	FCC, CE
Warranty	2 Years

ORDERING INFORMATION

AMY-5133-AC-PD	Semi-Industrial IEEE 802.11 AC 5GHz Wireless AP/Client Bridge
AMY-5133-AC-PD-KIT	A Pair of AMY-5133-AC-PD