

# AMY-5133-AC-PD

Industrial IEEE 802.11 AC 5GHz Wireless AP/Client Bridge



## FEATURES

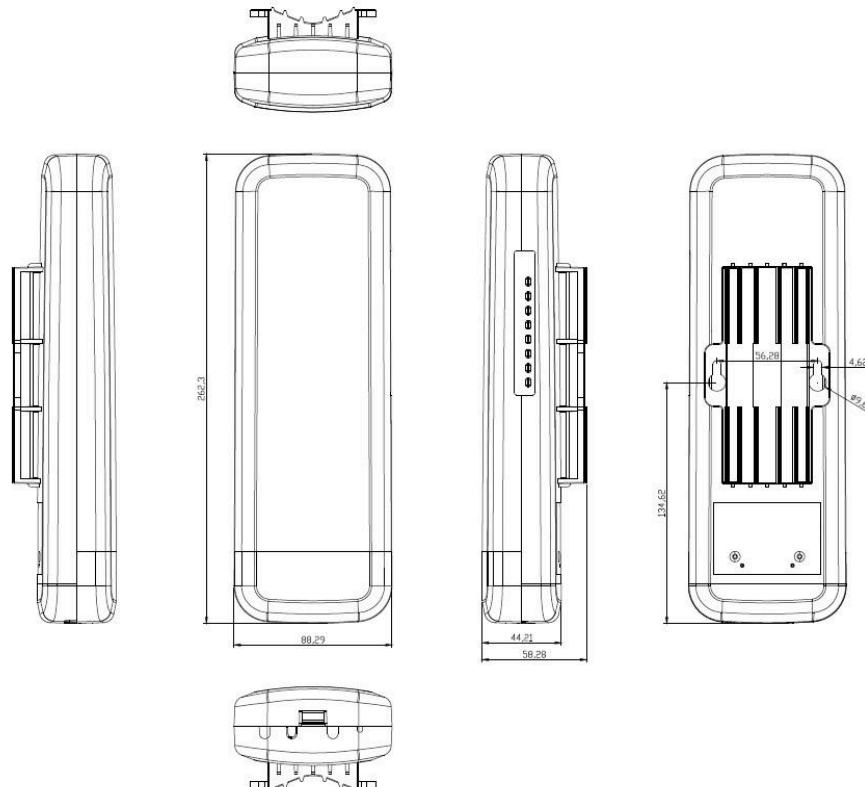
- ▶ High-speed WLAN Supports Up to 867Mbps
- ▶ Supports IEEE 802.11AC
- ▶ MIMO Wireless Solution (Dual 2Tx/2Rx)
- ▶ PD (Powered Device) IEEE 802.3af/at Compliant or External Power
- ▶ Supports Ethernet Gigabit WAN/LAN Port
- ▶ Qualcomm QCA9563+QCA9886+QCA8334
- ▶ Up to 24dBm Tx Power
- ▶ Built in 14dBi 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

<b>Chipset</b>	Qualcomm QCA9563+QCA9886+QCA8334
<b>Standard</b>	IEEE 802.11 ac/a/n, MU-MIMO technology
<b>Memory</b>	128MB DDR2 RAM
<b>Flash</b>	16MB
<b>Interface</b>	2- 10/100/1000 RJ45 LAN Port 1- Reset button 1- DC power jack 1- AP/Repeater operation mode switch
<b>Antenna</b>	Built in 14dBi MIMO Panel Antenna
<b>Power Consumption</b>	48V PoE
<b>System Power Consumption</b>	3 Watts

### RF DATA

<b>Frequency</b>	5GHz: 802.11a/n/ac 5GHz: 4920~5920MHz
<b>Throughput</b>	867Mbps

### MECHANICAL CHARACTERISTICS

<b>IP Rating</b>	IP52
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### ENVIRONMENTAL LIMITS

<b>Operating Temperature</b>	-30° to 45°C
<b>Storage Temperature</b>	-40°~70°C
<b>Ambient Relative Humidity</b>	5 to 95%, (Non-condensing)

### RECEIVE SENSITIVITY AND RF POWER

<b>RF Power</b>	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
<b>Receive Sensitivity</b>	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
<b>EVM</b>	802.11a: ≤-25dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB
<b>PPM</b>	±20ppm

### OTHERS

<b>Package Contents</b>	867Mbps outdoor PTP LAN cable Install Accessory
<b>Certifications</b>	FCC, CE
<b>Warranty</b>	2 Years

## ORDERING INFORMATION

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

TO LEARN MORE - CONTACT:



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