PingUSB ADS-B Receiver

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Overview

Ground based, USB connected ADS-B receiver for real time flight tracking

A purpose built dual-band ADS-B receiver, pingUSB provides high quality tracking data for use with software such as Virtual Radar Server and services including ADS-B Exchange.

Features

- Detects commercial aircraft threats on 1090MHz and 978MHz within a 100 statute mile radius in real time.
- Integrated Antenna
- Micro USB connector
- Compatible with Virtual Radar Server using provided Windows driver

Technical Specifications

Specification	Value
Input Power	5V 100mW
Size	34x19x8mm
Weight	5grams
Receiver	
MTL 1090 MHz	-84dBm
Dynamic Range	-80 to 0dBm
MTL 978MHz	-93dBm
Dynamic Range	-90 to -3dBm
Supported Interfaces	
Interface	USB Serial
Baud	57600 bps

Quality Standards and Procedures

Designed and assembled in the USA, HALT and HASS tested, IPC-610 class II soldering, production functional testing. Software D.A. to DO-178B, Hardware D.A. to DO-252 Class C.

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Mechanical Specification