Microair Avionics

T2000ADSB - IO

For Experimental and Light Sports Aircraft

SEE AND BE SEEN

The Microair ADSB-IO Transponder integrates Mode A and C, ADS-B Out, ADSB-In, GPS position source, and altitude encoder in one compact unit.

Designed for easy installation, the ADSB-IO Transponder enhances your situational awareness by both receiving transmissions from surrounding aircraft and making you visible to other aircraft. It streams traffic data to your preferred EFB App supporting GDL90 traffic, on an Android Tablet or iPad.

The T2000ADSB-IO redefines your safety, in a simple and affordable way.

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SPECIFICATIONS T2000ADSB-IO

MODE 3 A/C TRANSPONDER, ADSB-OUT WITH INTERNAL GPS POSITION SOURCE AND ALTITUDE ENCODER AND ADSB-IN WITH GDL90 OVER WIFI

TSO Equivalence:	C74c Class 1a C88a (to 30,000 feet) C166b Class A0 (with B1S power output) Environmental DO-160G Software DO-178C DAL-C
Mounting:	Panel mount 2 1/4" (57mm) round
Temperature:	-20 to +55 Celsius
Altitude:	55,000 feet, inbuilt encoder to 30,000 feet
Cooling:	Not required
Power Input:	10 to 33 volts DC negative chassis ground, 7W peak
RF Output:	200 watts (nominal peak power)
SWR Tolerance:	<5:1 or open feed line
Control/ Backlight:	LCD wiht rotary selector for setting Mode A code, Flight ID and settings. Push buttons for easy access to common features such as Ident and VFR
Dimensions:	61 mm wide x 61 mm high x 160 mm deep (2.4" wide x 2.4" high x 6.3" deep)
Weight:	600 grams (2.1 oz)
Connections:	DB25 for power, Gillham code, serial, discrete inputs. Interchangeable with T2000SLF transponder and T2000ADSB without wiring changes. BNC – transponder antenna TNC – GPS antenna 1/8” NPT - static
Options:	Wiring harness available