KTX2 Mode S Transponder with ADS-B

Specifications
KTX2 Mode S Transponder with ADS-B

The advantages at a glance:
- Integrated altitude encoder
- Transponder antenna loop through – only one antenna for ADS-B In & Out
- Available in standard 2.5” and stackable 6.25” configurations for maximum flexibility
- Very compact dimensions – for easy and flexible installation
- Minimum power consumption
- Large, high-contrast, long-life color displays for maximum readability in direct sunlight. Color TFT – Standard; Color Transflective – Stack
- Intuitive operation – developed by pilots for pilots
- Excellent price / performance ratio
- Engineered and built in Germany

Technology at its finest:
- Built-in, high-precision, temperature-compensated altitude encoder for connection to the static port
- RS232 interface
- Extended squitter (ADS-B Out) in connection with an appropriate GPS receiver
- Operating range up to 30,000 ft
- Ideal for aircraft up to 12,500 lbs MTOW

Technical data:
- Type: Mode S Transponder Class 1 Level 2els
- Operating voltage: 9 – 30 V DC
- Power Consumption: 0.2 – 0.45 A (depending on the number of requests and brightness settings)
- Transmission power: ≥ 24 dBW (250 W)
- Transmission frequency: 1.090 ± 1 MHz
- Operating temperature: -4ºF to +131ºF (-20ºC to +55ºC)
- Shock: 6 g in operation, 20 g breakage resistance
- Maximum operating altitude: 30,000 ft
- Maximum speed: 250 kt / 463 km/h / 287 mph

Weight:
- Standard display: approx. 0.86 lbs (390 g)
- Stack: approx. 1.3 lbs (580 g)

Dimensions:
- Standard display: 2.5 x 2.4 x 5.75” (63 x 62 x 146.2mm)
  Ø 2.25” (57mm) cut out
- Stack: 6.2 x 1.6 x 6.13” (158.4 x 41 x 155.8mm)

Compliance:
- 2019 FAA AML STC and EASA compliance