



T-CZ ADS-B Receiver T4R

OVERVIEW

ADS-B Receiver T4R receives ADS-B messages – Mode S extended squitters of DF17, DF18 and DF19 ICAO downlink formats at 1090 MHz frequency. Data processing unit converts ADS-B messages of DF17 and DF18 to ASTERIX data format. key condition for the air traffic safety.

MAIN FEATURES

- Four channels
- Sector antenna for long range
- Extraordinary sensitivity
- GPS / GLONASS accurate time receiver
- Powerful computing unit - ARM based computer for easy integration to more complex superior systems
- Dual Ethernet
- SNMP standard interface
- Low acquisition cost

ANTENNA PARAMETERS

Received Carrier Frequency	1090 ± 1 MHz
Input Impedance	50 Ω
Sensitivity S0,5	min. - 92 dBm
Dynamic Range	min. 90 dB
Bandwidth	10 MHz
Operating Temperature	0 to +40°C
Operating Humidity	max. 95% non-condensing
Altitude	up to 12000 ft
Power Consumption	25 W
Weight	2,7 kg
Dimensions	
Height	1U (44 mm)
Width	rack 19 inch (482.6 mm)
Length	285 mm (325 mm complete)
Target Load	≥ 1000
Input formats	ICAO DF17, DF18, DF19
Output formats	ASTERIX cat 21, cat 23, cat 247, SNMP

1030/1090 MHz Receiver



T-CZ order code

7QP71554