

RS-ECO GROUND STATION

GENERAL DESCRIPTION

Magnetron Radiosonde Ground Station collects telemetry data sent by the radiosonde and transfers that data to the connected computer. The data is processed and converted to the World Meteorological Organization reporting format (TEMP code).

The system can be connected to different systems with its RS-232/422/485 and Ethernet interfaces, as well as directly connecting to a computer via USB.

Electrical

Frequency Range 70 MHz to 1 GHz

Bandwidth 56 MHz

GPS L1/L2 GNSS

Transceiver 4x Receiver

2 x RS-232

Interfaces 1 x RS-422/485

1 x Ethernet

Operating Voltage 12-24 VDC

Mechanical

Material Stainless Steel

Dimension (mm) 230 x 175 x 75

Weight (g) 450

Operating Conditions

Temperature -20°C to +60°C

Humidity %95 R.H.

Storage Conditions

Temperature -10°C to +60°C

Humidity %95 R.H.



