SR10 Ground System

Main function of the SR10 upper-air radiosounding system consists in collecting P,T,U, and wind data measured and transmitted from a Meteomodem radiosonde by radio telemetry.

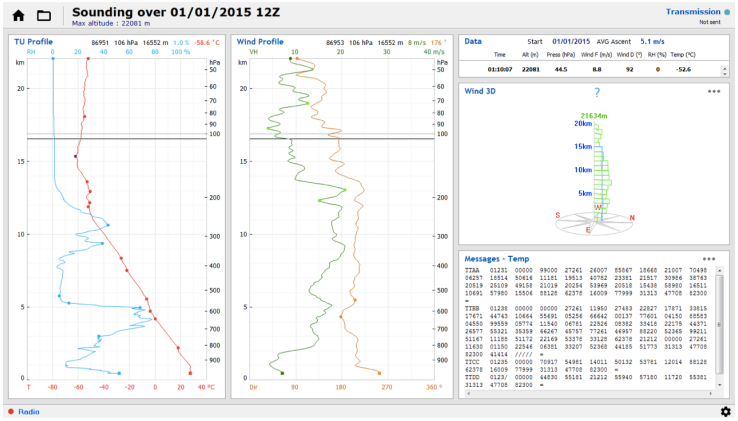
- Light and compact radio receiver
- Data archiving on hard disk or any digital support
- Real time data display (list and/or graph)
- Radiosonde automatic sensor calibration and frequency setting through the infrared communication of the Groundcheck
- GNSS transmitter for indoor initialization
- Auto-tests with diagnostic display for easy maintenance - BITE

VERSIONS :

- Ruggedized version for military purpose
- Mobile with tripod, car antenna and cigar lighter socket

Main features of EOSCAN software:

- Edition of WMO code messages (Temp, Pilot, BUFR, Climat-temp…)
- Data transmission through an Ethernet network
- Compatible with all Windows OS
- User-friendly one single interface



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SR10 Ground System

SR10 Upper-air sounding system diagram

EOSCAN
Software for data acquisition

SR10 Ground Receiver

Groundcheck for Radiosonde calibration before launch

Turnstile Antenna 400 MHz
(Optional / recommended for specific subtropical areas)

Upper-Air sounding system
Desktop or Laptop

Omnidirectional Antenna
400 MHz

GNSS Antenna (GPS,...)

User's manual
Installation & Maintenance manual

SR10 technical specifications

GENERAL

Dimensions	: Receiver: W:150 mm – D:185 mm – H:65 mm
Weight	: 1.3 kg
Consumption	: 10 W max
Links	: USB to PC
GNSS receiver	: 12 channels
Workstation	: Desktop or Laptop PC

TELEMETRY

Receiver	: 400–406 MHz digital synthesizer
Range	: >350 Km
Modulation	: PSK

ISO 9001 BUREAU VERITAS Certification

MADE IN FRANCE

170927