

# MultiSonde System



## Features

- Simultaneous sounding of multiple radiosondes
- Based on our GS-I groundstation for rack slot fitting
- Maximum reliability
- Modularity via 19" rack slots
- Scalability: up to 8 rack-mounted GS-I receivers
- Uses GRAWMET X software to process multiple radiosonde streams at the same time

## GRAWMET X for simultaneous soundings

The MultiSonde System uses GRAWMET X to process soundings simultaneously. GRAWMET X is based on our widely used GRAWMET meteorological software suite. It includes GRAWMET with extended features to intuitively handle and display multiple radiosondes at the same time.

## Overview

The GRAW MultiSonde System typically consists of 2 - 8 rack-mounted GS-I receivers, whereby each receiver is able to track and process the data of one radiosonde. The processed radiosonde data is transmitted via IP network to multiple workstations for visualisation and further processing. Each workstation in the network has full access to the data of all radiosondes being tracked by the MultiSonde System.

The system enables simultaneous soundings with maximum reliability and performance. It is scalable and can be extended to 8 or more receivers. The MultiSonde System is compatible with all GRAW radiosondes and pilotsondes. It is available in different variants: as desktop version, as rack version and as mobile version.



MultiSonde System, rack version

Technical Data	Desktop	Mobile	Rack
Sounding channels	4	4	8
Power supply	110 ... 240 V/AC, 50-60 Hz		
Power consumption	< 100 W	< 100 W	< 200 W
Operating conditions	0 ... 40 °C, 10 ... 90 %RH (non-condensing)		
Dimensions	650 x 520 x 420 mm	978 x 719 x 556 mm	800 x 800 x 1200 mm
Weight	44 kg	64 kg	190 kg



MultiSonde System, desktop version



MultiSonde System, mobile version

