

## BSRN

### Kipp & Zonen 2AP Tracker



**Sensors-** internal temperature

**Manufacturer / Model-** Kipp & Zonen 2AP tracker

**Description-** 90 / 210 degree Zenith and 540 degree Azimuth Sun tracker

**Installation-** Mounts on tripod or heavy secured post

**Reason for measurement-** internal temperature for operational status

**Maintenance-** minimal daily checks

**Calibrations-** Self correcting algorithm

**CPU-** Yes

**Operating system-** Firmware

**Acquisition software-** Win2AP proprietary

**Diagnostic software-** Win2AP proprietary

**data delivery-** RS-232

**In-situ data-** optional

**Specific information-**

**Data :**

**What information is recorded-** None

**Size of data per day-** None

**Normal operation Network needs:**

**Access-** None

**Protocols-** None

**Bandwidth-** None

**Service network needs:**

**Access-** Remote desktop via computer or on site operator

**Protocols-** RS-232

**Bandwidth-** 9600 Baud

**Voltage-** 120 VAC

**Current-** 2 Amp with heater on

**Operating temperature range-** -50C to +50C

**Other-**