

## Site Control Unit

## Overview

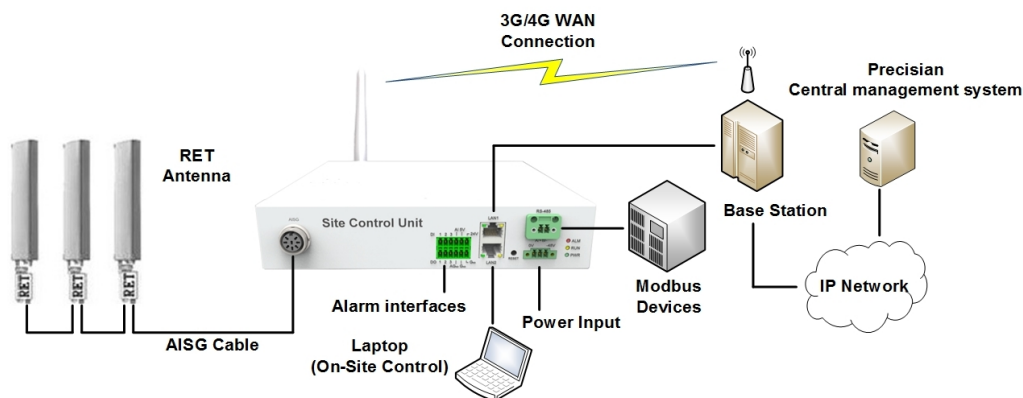
The SADC 2000 control unit is installed at the site to control all AISG devices such as RET & TMA. It provides DC power and AISG commands to RET & TMA. Through Ethernet or 3G/4G LTE WAN (optional), it can be connected to OMC central management software or to a laptop PC. Unit provides web interface and command console interface. Software programmable dry contact provides alarm report output to BTS. This unit is for indoor use.



## Key Features

- Active fault detection.
- Remote software download.
- 3G/4G LTE WAN connection (optional)
- Remote centralized control by Precisian management System.
- Remote control by web interface.
- Multi-interface support RS485/Analog or digital input/ Digital Output

## System Architecture



## Specifications

RET interface	1 x AISG female connector.
Power Supply input	DC: -48V / max 1.1 A
Power Supply to AISG devices	DC: +24V / max 1.25 A
Power Supply to other devices	1 x +24VDC, 1 x 5VDC
Max output power	30 W
Protocol to RET and TMA	AISG 1.1 & v2.0
Storage	On-board 8GB eMMC Flash
Network interface	2 x 10 / 100 / 1000 Base-T Auto MDI / MDIX
Network Protocols	TCP / IP, HTTP / HTML, SNMP, FTP, SSH, DHCP, PPP, MQTT.
LED Indicators	Alarm , Run , Power
Lightning Protection	Lightning & Surge
Temperature range	0° C to 55° C
Mounting	1U 19 inch rack-mount
Dimensions	220 mm x 185mm x 44mm
Shipping Dimensions	280 mm x 253 mm x 83 mm
Weight	1.5kg
I/O Interface	3 x outputs (open collector) 3 x input (open / close) 1 x Analog input (4-20mA/ADC) 1 x RS485 (Modbus / RTU)
Expansion	1 x mini PCIe slot. 1 x SIM slot. 1 x Antenna hole.