

## SCU-001-02

This Site Control Unit is designed to be installed indoors at the cell site to control all AISG devices, providing DC power and AISG commands to RET or TMA. It can be connected to OMC central management software or to a laptop through Ethernet or optional 3G/4G LTE WAN. The unit offers web and command console interface. Software programmable dry contact provides alarm report output to BTS.



### Features

- RET and TMA Control
- Active fault detection
- Remote software download
- Optional 3G/4G LTE WAN connection
- Multi-interface support RS485 / Analog or Digital Input / Digital Output
- Remote control via web interface
- Remote centralized control by Precisian management software



### SPECIFICATIONS

RET Interface	(1x) AISG Female Connector
Power Supply Input	DC: -48V / Max. 1.1 A
Power Supply to AISG Devices	DC: +24V / Max. 1.25A
Power Supply to Other Devices	(1x) +24VDC, (1x) 5VDC
Max Output Power	30 W
Protocol to RET and TMA	AISG 1.1 & v2.0
Storage	On-Board 8GB eMMC Flash
Network Interface	(2x) 10/100/1000 Base-T Auto MDI/MDIX
Network Protocols	TCP/IP, HTTP/HTML, SNMP, FTP, SSH DHCP, PPP, MQTT
I/O Interface	(3x) Outputs (Open Collector); (3x) Input (Open/Close); (1x) Analog Input (4~20mA/ADC); (1x) RS485 (Modbus/RTU)
Expansion	(1x) Mini PCIe Slot; (1x) SIM Slot; (1x) Antenna Hole
LED Indicators	Alarm, Run, Power
Lightning Protection	Lightning and Surge
Temperature Range	0° C to 55° C (32° F to 131° F)
Mounting	1U 19-Inch Rack-Mount
Dimensions	220 x 185 x 44 mm (8.7 x 7.3 x 1.7 in)
Shipping Dimensions	280 x 253 x 83 mm (11.0 x 10.0 x 3.3 in)
Weight	1.5 kg (3.3 lbs)

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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The number of devices that can be connected depends upon the configuration, device power consumption and cable length.

### 3G/4G WAN CONNECTION

