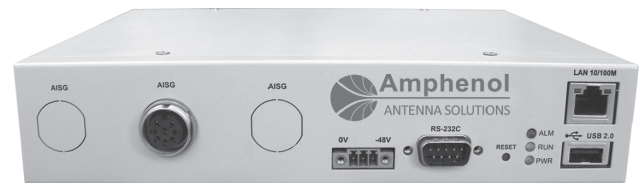


## SCU-xxx-01

### Site Control Unit

The Amphenol Antenna Solutions **Site Control Unit (SCU)** is a compact AISG device controller. The product is designed to be wall or rack mounted inside the base station equipment cabinet and provide remote access to AISG compliant devices at the site.

The device can be controlled locally using a laptop computer or remotely via an Ethernet connection. Optional Network Management System (NMS) software is available to easily manage and monitor large quantities of SCUs deployed in the network.



Ordering Information	
SCU-001-01	Site control unit, 1 port
SCU-003-01	Site control unit, 3 port
Site Control Units Shipped With:	Site control unit, male input power connector, mounting kit for wall or 19" rack mount, cross-over Ethernet cable 305 mm (1 ft).
Features:	Fully AISG v1.1 and 3GPP/AISG v2.0 compatible
	Able to communicate with mixed AISG version devices on the same bus
	Embedded software controllable using web browser
	Local control via laptop computer or PDA
	Remote control via Ethernet connection
	Wall or rack mounted
RET/TMA Functions	
Protocol to RET & TMA	HDLC hex-coded command set, AISG v1.1 and AISG v2.0 compatible
Interface to RET & TMA	1 x RS485 port via 8 pin circular DIN connector (optional 3 ports)
Communications Interface	
Protocol	TCP/IP, SNMP, FTP or Telnet
Network Connection	1 x Ethernet (10 Base-T) port
High Speed Serial Connection	1 x USB port
Console Port	1 x DB9 RS232 port
Certifications	
Electrical	CE, FCC
Environmental	RoHS
Device Electrical	
Power Input	-48 VDC / max 1.35 A total input
Power Output	1 x +24 VDC / max 2.0 A (Pin 6) 1 x +12 VDC / max 1.0 A (Pin 1)
Total Power Output	65 W Max
Status Indicators	Power / Run / Alarm / LED
Protection	Built-in LPD
Operation	
Usage	Indoor
Operating Temperature	0° - 60° C ( -32° - 140° F)
Operating Humidity Range	20 - 90% non-condensing
AISG Cable Length	500m with 6 RETs attached
	300m with 12 RETs attached
	120m with 24 RETs attached
	Maximum cable length depends on the conductor size and the current draw of the attached devices. Values shown are based on tests conducted with Amphenol Antenna Solutions RET units and control cables.
Mechanical Specifications	
Dimensions	220 x 185 x 44.4 mm                      8.7 x 7.3 x 1.8 in
Weight	1.5 kg    3.3 lbs
Mounting Options	
Mounting bracket kit (included)	Wall / 1U rack mountable

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.