

## Portable AISG Device Controller ( PADC )

## Overview

PADC-1000 is a portable AISG device controller that allows users to quickly access AISG devices such as RET and TMA.

Users can easily manage and configure the AISG devices by connecting the controller to a PC with USB cable and using RS485 to connect to the AISG devices.

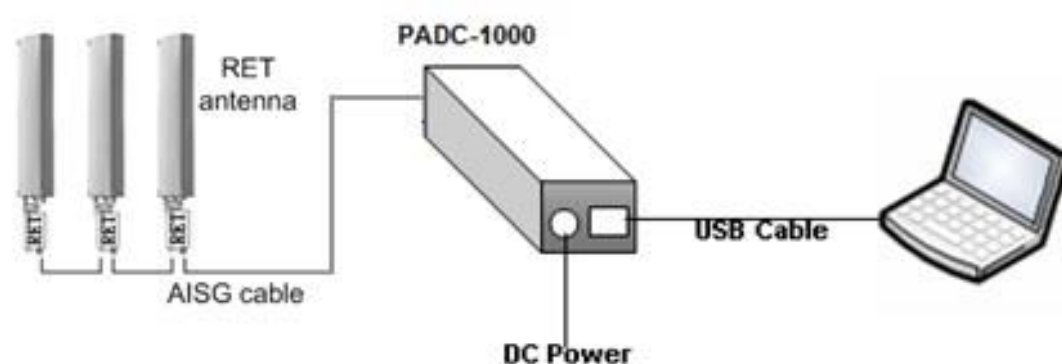
PADC-100 is truly a site engineer's must-have tool during mobile network roll-out and optimization.



## Key Features

- Compliant with Antenna Interface Standards group (AISG 1.1 & 2.0) standard.
- RS485 A/B pin switch software selectable.
- Power output 12VDC software selectable.
- Able to control different brands of RET antennas and TMA's.
- Supports software download.
- Compact design for the site engineer.

## System Architecture



## Specifications

<b>RET / TMA Functions</b>	
Protocol to RET & TMA	HDLC hex-coded command set acc. to AISG 1.1 & 2.0.
Interface to RET & TMA	8 Pin AISG Female Connector using RS-485 communication protocol
Max. number of devices	Up to 24 devices (RET / TMA)
<b>AISG compliant</b>	
RS485 A/B Pin Switch	Software Selectable
Power 24V / 12V	Software Selectable
<b>Device Electrical</b>	
Power Input	DC 24V / 1.75A
Power Output	DC 24V / 1.75A or DC 12V / 2.0A
LED Status	Power / 12V / TX Data / RX Data
<b>Dimension / Weight</b>	
Dimensions (W x H x D)	47mm x 35mm x 125mm
Weight	Approx. 1.5kg (with accessories) (3.3lb Approx)