



The **ACRS-IDU-V1** LNA plate controller is designed for the most challenging **professional & military** satellite communication systems. It provides continuous operation without disruption of 1:1 or 1:2 LNA plates. Latest technology is applied to obtain the best noise figure, gain stability and return losses according to **MIL-STD-188-164C**. The ACRS-IDU-V1 is a **high reliability** solution designed for **harsh environmental conditions**, with every single production unit **fully tested** in an environmental chamber and delivered with a complete factory acceptance test report.

### FEATURES

- Configuration mode 1:1 or 1:2 in the same housing
- Fully redundant, hot swap power supplies
- Remote control via RS232/485 and/or Ethernet
- Outdoor unit monitoring through contact closure
- Amplifier current and voltage fault detection
- Time-stamped events log
- Front panel display with LNAs operation

### INTERFACES

AC input .....	2 x IEC 320
Summary alarm interface .....	DEM-9P
Remote interface .....	DEM-9S for RS485
	DEM-9S for RS232
	DB-37S for contact closure
	RJ-45 for Ethernet
LNA interface .....	DB-25S

### POWER SUPPLY

AC Voltage .....	85 – 265 V <sub>AC</sub>
Frequency .....	47 – 63 Hz
Power consumption .....	30 W typ. (50W peak during switching)

### ENVIRONMENTAL SPECIFICATION

Operating temperature .....	0 to +50 °C
Storage temperature .....	-40 to +85 °C
Relative humidity .....	up to 95%
Operating altitude .....	up to 3000 m

### MECHANICAL SPECIFICATIONS

Chassis dimensions .....	19 x 1.75 x 20 in
Weight .....	4.5 kg typ.

Any other frequency band or custom specification available under request. Please, contact factory. Specifications are subject to change without notice.

