

ACRS-IDU-V2

SSPA redundancy controller 1:1 & 1:2 Hercules Series indoor



The ACRS-IDU-V2 redundancy controller is designed for the most challenging professional & military satellite communication systems. It provides continuous operation without disruption of 1:1 & 1:2 SSPA configuration.

Latest technology is applied to obtain the best noise figure, gain stability and return losses according to MIL-STD-188-164C. The ACRS-IDU-V2 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.

- ↘ Configuration mode 1:1 & 1:2 in the same housing
- ↘ Fully redundant hot swap power supplies
- ↘ Remote control via RS-232/485 and Ethernet
- ↘ Outdoor unit monitoring through contact closure
- ↘ Time-stamped events log
- ↘ Front panel display with SSPAs operation

Mechanical

Size (LxWxH)	460 x 483 x 44.5 mm // 18.1 x 19.0 x 1.75 in
Weight	4.5 kg // 9.9 lbs

Environmental

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

Interfaces

All mating connectors provided

Summary alarm interface	DEM-9P
M&C (RS-232)	DEM-9S
M&C (RS-485)	DEM-9S
M&C (Ethernet)	RJ-45
SSPA interfaces	62INI2E12-14S-4-622
Power supply (x2)	IEC 320

Power Supply

AC input voltage	90-250 V _{AC} (47-63 Hz)
Consumption	35 W steady state // 75 W switch peak

HERCULES

Son of Zeus, Hero of strength and protector of armies, he faces the hardest and most difficult battles thanks to his strength and determination. ACORDE's SSPAs have that strength and power, giving all the power needed for the highest bandwidth and high performance satellite communications covering LEO, MEO and GEO systems.