

ACRS-IDU-V2

SSPB redundancy controller 1:1 & 1:2 Zeus 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 SSPB 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 SSPBs 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
SSPB 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

ZEUS

The king of the Gods. God of the sky and thunder watches over and governs the Universe, like our line of SSPBs, a reference in the world market, with an excellent SWAP ratio for different frequency bands and output powers.