ACRS-IDU-V1

LNA redundancy controller 1:1 & 1:2 Horus Series indoor

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

Enviromental

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 (contact closure)	DB-37S
M&C (Ethernet)	RJ-45
LNA plate	DB-25S
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

The ACRS-IDU-V1 redundancy controller is designed for the most challenging professional & military satellite communication systems. It provides continuous operation without disruption of 1:1 & 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.

- 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
- Amplifier current and voltage fault detection
- Time-stamped events log
- Front panel display with LNAs operation

HORUS

God of silence who identifies himself with the low noise of our LNAs, able to distinguish even the slightest whisper of the gods, however low and far away it may be.