

REMOTE DISTRIBUTED ACOUSTIC SENSING (RDAS) UNIT

- 4 Channelled (2 Main, 2 Hot Standby) optical laser source generator & processing unit.
- 19-inch rack mountable chassis suitable for railway racks.
- Capable of detecting various events like intrusions, digging activities etc. upto with the ± 10 -meter location accuracy.
- Industrial Grade, suitable to run 24x7

TECHNICAL SPECIFICATION

Model	JMV/DAS/RDUN01
Power Supply	230 V AC/ -48V DC Redundant hot swappable power supply
No of Channels	4 Channelled (2 Main, 2 Hot Standby)
Event Detection Sensitivity	20 meters on either side
Sensing Element	As per ITU-T G.652
Total Range per channel	40 km per channel.
Processor transfer rate	64 bits
Fiber loss	0.25 dB/Km
Laser Wave length	1550nm
Laser Stability	± 5 ppm
Laser Class	Class 1M
Operating System	64 Bit, Linux Ubuntu
Data Storage (Removable)	2x1TB SSD
Data Storage (Internal)	1TB (SSD) Removable
Location Accuracy	± 10 meter
Hardware	Industrial Grade & Suitable to run 24X7
Mounting	19" inch rack mountable.
LAN/ Ethernet	Onboard/ on slot Gigabit Ethernet (4x1 Gbe RJ45) with Load Balancing and Fail over Support, IPv6 Compliant.

JMV LPS LIMITED

Head Office: W-50, Sector-11, Noida-201301, Delhi NCR (India)

CIN No: U93000UP2008PLC034803 | **Tel:** +91 0120 4590000 | **Fax:** +91 0120 4318001 |

| **E:** info@jmv.co.in | **W:** www.jmv.co.in |