

## **DAMA / SCPC / Router /Satellite Modem - RMOD-DREAM-2IP4**



*RADITEK's* Raditek's latest "Dream 2IP4" satellite (1:1 redundancy option) modem offers new levels of performance, only dreamed of before.

Standing for DAMA ROUTER Easy Access Modem, this can be used as a standalone IP modem or as a multi STAR/MESH networking DAMA (Demand Assigned Multiple Access) modem/router. Standard data rate is 13 Mbps using TPC coding with modulation BPSK (from 16Kbps) to 16QAM, and to 20Mbps with same modulation features with advanced LDPC coding.

The unit has on demand Packet Switching Multiple Access (PSMA), with ABOD (Adaptive Bandwidth on Demand). It offers significant advantages over ANY TDMA modem, being very low latency, very high satellite efficiency and low hub and remote cost.

Applications include: Ideal for IOTM (Internet on the move) RS 232 to ACU (Antenna Control Unit), for connection to RADITEK's IOTM flat antenna. Plus: MESH Voice; SCADA; Disaster Recover and any Internet access. The SCPC/DAMA return channel offers the most efficient return channel in any broad band network (eg DVB-S2).

### **Datasheet:**

<http://www.raditek.com/systems/satcom/modem/RMOD-DREAM-2IP4%20Modem-j8.pdf>

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