

Product Sheet

Satellite Receiver

15-88-2000

The Salcom Satellite Receiver creates the ability to implement messaging networks independent of a terrestrial data carrier by utilising digital satellite TV providers to deliver messaging data to remote transmitters not covered by existing networks.

Messages are sent from the Salcom Message servers via the Free View satellite television service (DVB-S) to the receiver. Messages are output in a standard messaging protocol for connection to a paging transmitter.



Product code
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Key Features

- » Operates over existing DVB-S network (AUS/NZ Only)
- » Can be migrated onto other satellite networks.
- » Self-resets on data loss event.
- » Can be deployed in areas not covered by terrestrial data networks.
- » Uses standard DVB-S dishes and LNB's (Freeview or SKY).
- » Fast message delivery time through network (typically 8 – 10 seconds)

Applications

- » Remote messaging sites
- » Emergency Services messaging;
 - » Fire, Ambulance
 - » Civil Defence
 - » USAR
 - » LandSAR
 - » Surf Clubs etc.
- » Private messaging networks
- » Industrial Emergency Response.

Technical Specification

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Satellite band	Ku
LNB Frequency	15 options; 5750 to 11300MHz
Satellite Profiles	Factory set to one; Profiles can be added as required
TP Profiles	Factory set to one; Profiles can be added as required
Polarity	Horizontal or Vertical
Output Protocol	VisiCAD, TNPPb, or RAW data
Serial Data Rate	9600, N, 8, 1
Power Supply	13.5V typical (11-15VDC range)
Power Consumption	Decoder only: 330mA typical With LNB: 500mA typical (Horizontal polarity)
Connectors	Power: 2-way pluggable terminal block (5.08mm pitch) Serial: DB9-F LNB: F-61 socket HDMI: Standard A connector, 1080i
Configuration	IR remote receiver inside rear panel
Low Battery detection	10.8V, front panel indication
Data integrity detection	Requires Heartbeat signal from message server
Auto reset	Every five minutes if no heartbeat is received from the server
Over-satellite encryption	Yes
Environmental Protection	Not suitable for unprotected outdoor use. Should be protected from adverse environmental conditions. Adequate airflow must be provided for cooling.
Indicators	Data integrity, Low battery, Comms, Power/Status
Enclosure Material	Extruded aluminium
Existing Data Services	Salcom provided via Optus D2 (AUS/NZ only)
Data Connection	SNPP or ADHOC via Salcom SMR servers
Weight	940g
Dimensions	225mm x 165mm x 58mm (D x W x H)

NB: All specifications and applications are indicative only and subject to change without prior notification.