

DTE-3137

Networked DVB-S(2) Satellite Receiver

Features

- Standalone DVB-S2 receiver supporting QPSK, 8-PSK, 16-APSK and 32-APSK
- DVB-S2 demodulation compliant to EN302-307 and EN301-210, as well as legacy DVB-S support
- Web and SNMP interface for setting parameters and observing status
- Unit can be powered via the Ethernet cable (Power over Ethernet) or through a DC power supply jack
- LNB power insertion
- Full support of SMPTE 2022-1/2, with 2D FEC encoder for robust transport over IP
- LCD status display shows device identifier, mode, carrier frequency, level, SNR, BER and IP/MAC address
- Install up to 12 modules in 3U 19" rack space using DekTec rack-mountable rail

Applications

- SMATV: Redistribution of satellite TV
- General-purpose receiver for obtaining the full Transport Stream from a DVB-S2 signal

Contact info: sales@advanceddigital.ca

WEB: <http://www.advanceddigital.ca>

Tel: +1 416 479 0480
+1 416 848 0715



Key Attributes

Parameter		Value
RF input	Connector	75-Ω F Female
	Return loss	>10dB
	Tuning range	950 .. 2150MHz
	Sensitivity	-30 .. -60dBm
	Baud rate	2 .. 40MBd
LNB	Supply	13V/18V 400mA
	22kHz tone	On/Off
TS output ASI port	Connector	75-Ω BNC
	DVB-ASI	EN50083-9
GigE port	Connector	RJ-45
	Physical layer	IEEE 802.3at
Transport	TP per IP	1 .. 7; UDP/RTP
	FEC	SMPTE 2022-1
Device power	Connector	2.1 mm DC plug
	24V Supply	22 .. 30V; 17W

Network Appliances

Compact professional satellite receiver
Full TS output on IP and DVB-ASI
LNB power insertion

Standards

Standard	Mode
EN 301 210	DVB-S
EN 302 307	DVB-S2: QPSK, 8-/16-/32-APSK CCM only

Control

IP-address assignment	DHCP or static
Multicast support	IGMP v2
Device management	Browser based
Network management	SNMP v2c
Discovery	WS-Discovery

Ordering Information

Type	Description
DTE-3137	Networked DVB-S(2) receiver