

Networked DVB-S(2) Satellite Receiver

DekTec DTA-3137



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



KEY FEATURES

- Standalone DVB-S2 receiver supporting QPSK, 8PSK, 16PSK and 32PSK
- 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

CONTROL

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

KEY ATTRIBUTES

Parameter	Value	
RF Input	Connector	75Ω F Female
	Return loss	>10dB
	Tuning range	950 to 22150MHz
	Sensitivity	-30 to -60dBm
	Baud rate	2 to 40MBd
LNB	Supply	13V/18V 400mA
	22kHz tone	on/off
TS output ASI port	Connector	75Ω BNC
	DVB-ASI	EN50083-9
GigE port	Connector	RJ-45
	Physical layer	IEEE 802.3at
Transport	TP per IP	1 to 7 UDP/RTP
	FEC	SMPTE 2022-1
Device power	Connector	2.1 mm DC plug
	24 V supply	22 to 30V; 17W

STANDARDS

Standard	Mode
EN301 210	DVB-S
EN 302 307	DVB-S2: QPSK, 8/16/32APSK CCM only

ORDERING INFORMATION

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

Sencore is the preferred distributor of DekTec in North America.