

# DVB-S(2) Satellite Receiver with IP and ASI output

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

## FEATURES

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

## 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
	Bitrate (max)	108Mbit/s
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

## 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
DTE-3137-SX	DTE-3137 with <b>StreamXpert</b> <sup>®</sup>

Please refer to [www.dektec.com](http://www.dektec.com) for the latest pricing and a list of distributors and resellers.