

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 <i>StreamXp̂ert</i> |

Please refer to www.dektec.com for the latest pricing and a list of distributors and resellers.