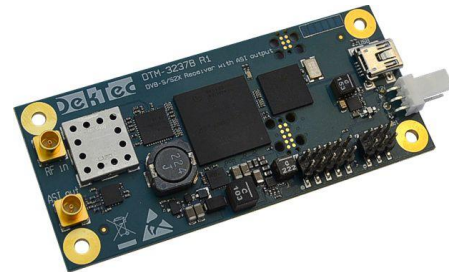


## OEM DVB-S2X Receiver Module with ASI Output

- ❑ Supports DVB-S, DVB-S2 and DVB-S2X
- ❑ Management & Control via USB or I<sup>2</sup>C
- ❑ Decodes Satellite Delivery System Descriptor

### FEATURES

- Standalone DVB-S2x receiver module with full Transport Stream output via DVB-ASI.
- Supports LNB power and DiSEqC messaging for dish control.
- Features dual physical RF status indicators for receiver lock and analogue RF level, complemented by extensive satellite status information accessible via USB or I<sup>2</sup>C through the Management Information Base (MIB).
- Backward-compatible with DTM-3237, while adding DVB-S2X support.
- Standalone operation enabled by pre-configurable settings with persistent storage.
- ⚠ Does not support descrambling.



### APPLICATIONS

- **Dish Alignment Aid:** For precise satellite dish aiming using real-time telemetry.
- **OEM Integration:** Ideal in systems or products needing satellite reception capabilities.
- **Remote Monitoring:** Enables real-time tracking of satellite signal metrics.
- **With DTM-3200:** Facilitates DVB-S2X to TS-over-IP conversion.

### KEY ATTRIBUTES

Parameter		Value
Antenna input		75-Ω MCX female
Input return loss		>9dB @ 1 .. 2GHz
Tuning range		950 .. 2150MHz
Input sensitivity		-60 .. -30dBm
Baud rate		2 .. 45MBd
Modulation standards		DVB-S, S2, S2X
Metrology	RF level	-60 .. -30dBm ±5dB
	MER	0 .. 22dB ±2dB
	BER (DVB-S)	Pre Viterbi; Pre RS
	BER (DVB-S2)	Pre/Post LDPC & BCH
LNB supply		13V/14V/18V/19V 500mA
DVB-ASI output	Physical layer	EN50083-9
	Connector	75-Ω MCX female

### ORDERING INFORMATION

Type	Description
DTM-3237B	Compact DVB-S2x receiver module with DVB-ASI output.
DTM-3237B-DEVKIT	Developer kit: Includes DTM-3237B, power supply and essential cables.

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

### RELATED PRODUCTS

Type	Description
DTM-3200	OEM module for conversion between IP and ASI.
DTA-2116	All-standard (including DVB-S2X) 0-3GHz modulator for PCIe.
DTA-2127	Quad DVB-S2X receiver with 3G-SDI/ASI output for PCIe.