DTA-2132

DEKTEC

High-End Satellite Receiver

❑ Professional-grade satellite receiver

❑ DVB-S2/S2X up to 256APSK and 72Mbaud

❑ High-quality reception and RF metrics

FEATURES

- Supports advanced DVB-S2(X) features: VCM, ACM, multiple input streams (MIS) and Generic Stream (GS).
- Hardware demodulator can be bypassed to obtain I/Q samples for recording or for SDR-based demodulation software.
- Reception of BBFRAMEs in L.3 packets.
- RF metrics and statistics are available for three windows (short, medium, long).
- LNB power insertion and DiSEqC support.
- Free SDK (DTAPI) for Windows and Linux is compatible with other DekTec adapters.
- PCI Express gen2 x4, low profile.

APPLICATIONS

- Monitoring solutions for DVB-S2 and S2X.
- DVB-S/S2/S2X modulator validation.
- High-speed data distribution.

KEY ATTRIBUTES

Parameter		Value
RF input		75-Ω "F" female
Input return loss		>15dB typical
Tuning range		950 to 2150MHz
Sensitivity	Typical	-80 to -20dBm
	Worst case	-60 to -20dBm
Symbol rate		0.09 to 72MBd
Metrology	RF level	-80 to -20dBm
	MER	3 to 35dB
	Constellation	256 x 256
PCI-Express		PCIe2 x4 low profile
OS	Windows	16/19/22,10,11
	Linux	≥2.6.32, 3.x, 4.x, 5.x

MODULATION STANDARDS

Modulation	Standard
DVB-S*	EN 300
DVB-S2	EN 302 307
DVB-S2X	EN 302 307-2

* Requires Core i7-4xx or better ≥2.8GHz

ORDERING INFORMATION

Type	Description
DTA-2132	High-end satellite receiver for PCIe
DTA-2132-SX	DTA-2132 with *StreamXpert* ®

The latest pricing information and a list of DekTec resellers can be found on **dektec.com**.