

High-End Satellite Receiver

DekTec DTA-2132



KEY FEATURES

- Supports advanced DVB-S2(X) features: VCM, ACM, multiple input streams (MIS) and Generic Stream (GS)
- Decoding and analysis of DVB Carrier ID system (DVB-CID), even while satellite carrier is interfered with other carriers
- 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-CID monitoring and analysis
- DVB-S2/S2X/CID modulator validation
- High-speed data distribution

- Professional-grade satellite receiver
- DVB-S2/S2X up to 256APSK and 72Mbaud
- High-quality reception and RF metrics

KEY ATTRIBUTES

Parameter		Value
RF input		75-Ω "F" female
Input return loss		>15dB typica
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	2k8/12/16,7,8,10
	Linux	≥2.6.32, 3.x, 4.x, 5.x

MODULATION STANDARDS

Modulation	Standard
DVB-CID	ETSI TS 103 129 v1.1.2
DVB-S2	EN 302 307
DVB-S2X	EN 302 307-2

ORDERING INFORMATION

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

Sencore is the preferred distributor of DekTec in North America.