

DTA-2139

Twelve-channel QAM-A/B/C receiver



- Twelve independent QAM receivers
- Full TS available from each receiver
- Loop-through RF port for easy cascading

PCI Express

Features

- High-density QAM-A/B/C receiver card with twelve independent receivers
- Applications have access to the complete Transport Stream for each channel
- RF signal is available on a loop-through output that can be connected to another DTA-2139. By cascading multiple DTA-2139s, a complete QAM network can be monitored
- Each channel provides reception status, RF level, demodulation status, constellation, SNR and post-FEC BER
- PCI Express x1
- Free Windows and Linux SDK (DTAPI) is fully compatible with other DekTec digital-video output adapters

Applications

- Monitoring of cable networks with Xpect
- Testing and validation of edge-QAM systems

Note

This card can output the full Transport Stream but it cannot descramble services



Key Attributes

Parameter	Value	
Input connector	75-Ω F female	
Return loss	>10dB	
Loop-through connector	75-Ω F female	
Loop-through attenuation	1.5dB typ.	
Tuning range	54 .. 1002MHz	
Input sensitivity	-55 .. -30dBm/channel	
Symbol rate	5.0 .. 7.1MBd	
Metrology	RF level	-50 .. -30dBm
	SNR	10 .. 30dB
	BER	Post
	Constellation	2D
Receive-buffer size	12x 8MByte	

Modulation Standards

Modulation	Standard
QAM-A (DVB-C)	EN 300 429
QAM-B	ITU J.83 Annex B
QAM-C	ITU J.83 Annex C

Related Products

Type	Description
DTA-2136	Dual QAM-A/B/C receiver with ASI monitoring outputs

Ordering Information

Type	Description
DTA-2139-DP	Twelve-channel QAM receiver with <i>DtTV</i> and <i>DtGrabber+</i>
DTA-2139-SX	DTA-2139-DP with <i>StreamXpert</i>