DTA-2139

DekTec

Twelve-Channel QAM Receiver for PCI Express

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

FEATURES

- High-density QAM-A/B/C receiver card with twelve independent receivers
- Application 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, level, demodulation status, constellation, SNR and post-FEC BER
- Free Windows and Linux SDK (DTAPI) is fully compatible with other DekTec digital-television adapters
- PCI Express x4, full height, short length

DTA-2139 12-Channel QAM Receiver

APPLICATIONS

- Testing, validation of edge-QAM systems
- Monitoring of cable networks with DekTec's *Xpect* software

KEY ATTRIBUTES

Parameter	Value
RF input	75-Ω "F" female
Return loss	>10dB
Loop-through connector	75-Ω "F" female
Loop-through attenuation	<2dB
Tuning range	54 .. 1002MHz
Input sensitivity	-55 .. -30dBm
Symbol rate	5.0 .. 7.1MBd
Descrambling	Not supported
Metrology	RF level, MER, BER Constellation points
PCI-Express label	V1.1; PCIe x4

ORDERING INFORMATION

Type	Description
DTA-2139-DP	Twelve-channel QAM receiver for PCI Express bus with *DtTV* and *DtGrabber+*
DTA-2139-SX	DTA-2139-DP bundled with *StreamXpert* TS analyzer

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

MODULATION STANDARDS

Type	Description
QAM-A (DVB-C)*	EN 300 429
QAM-B	ITU J.83 Annex B
QAM-C	ITU J.83 Annex C

* QAM-128 is not supported..

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DTA-2139 Product Leaflet
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