

# 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
- Each channel provides reception status, RF 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



## 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 to 1002MHz
Input sensitivity	-55 to -30dBm
Symbol rate	5.0 to 7.1MBd
Descrambling	Not supported
Metrology	RF level, MER, BER Constellation points
PCI-Express label	V1.1; PCIe x4

## 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

## PC REQUIREMENTS

OS	XP, 2k3/2k8, Vista, 7, 8/8.1, 10 Linux ≥2.6.32, 3.x, 4.x
Platform*	Core i7, 8GB RAM, 64-bit OS

\* Recommended

## ORDERING INFORMATION

Type	Description
DTA-2139-SL	Twelve-channel QAM receiver for PCI Express bus with <i>StreamXpert Lite</i>
DTA-2139-SX	DTA-2139 bundled with <i>StreamXpert TS</i> analyzer

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