

RADIUM - I4

OCTAL SD INPUT CAPTURE CARD

DESCRIPTION:

The Radium-I4 Octal SD Input Capture Card provides up to 8 independent Standard Definition PAL / NTSC / SECAM video captures in both composite and s-video formats. Providing up to 480MB/s of transfer bandwidth, video performance is at its best.

Directly capturing all 8 Standard Definition Video Sources in real time from DVD Players, Cameras, Set-Top boxes etc, the Radium-I4 directly transfers the captured data to the Radium-O4 Quad HD Output Cards, dramatically increasing the performance of Video Playback performance.

This unparalleled performance allows the Radium Videowall Systems to host an entire suite of software features, placing it firmly into a class of its own.



SPECIFICATIONS

Form Factor	PCI Express x4 Plug-In Card
Card Size	110 (H) x 170 (D) mm
Connectors	2 x D-Sub Type Connector (SD)
Resolution	SD - up to 576p
Sampling	Video -16 bits per pixel
Data Rates	Max @ 480MB/s
Curr @ +3.3V	0.25A
Curr @ +12V	0.6A (Peak)
Max Power	8 Watts
Temperature	0°C ~ 35°C (Operating Temperature) -20°C ~ +70°C (Storage Temperature)
MTBF	60,000 Hours
Origin	Made in UK

FUNCTIONAL FEATURES:

- High Performance DMA Direct Graphics Memory
- On Board Processor for Real Time Sync/Mode Detection
- Dynamic Input Source Selection
- S-Video / CVBS Source Support
- Max Data Rate of 480 MB/s
- Intelligent Video Data Management

