

RADIUM - I3

HYBRID HD/SD INPUT CAPTURE CARD

DESCRIPTION:



The Radium-I3 Hybrid HD/SD Input Capture Card deliver extreme performance to the Radium Videowall Systems with its 650MB/s transfer bandwidth, capturing 1 High Definition Video Sources and up to 4 Standard Definition Video Sources.

Directly capturing both High Definition and Standard Definition Video Sources in real time from Workstations, Laptops, DVD Players, Cameras etc, the Radium-I3 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.

FUNCTIONAL FEATURES:

- High Performance DMA Direct Graphics Memory
- On Board Processor for Real Time Sync/Mode Detection
- Dynamic Input Source Selection
- HDMI / DVI / VGA / HD YUV / S-Video / CVBS Source Support
- Max Data Rate of 650 MB/s
- Intelligent Video Data Management

SPECIFICATIONS

Form Factor	PCI Express x4 Plug-In Card
Card Size	110 (H) x 170 (D) mm
Connectors	2 x DVI-I Type Connectors
Resolution	DVI - up to 1920 x 1200, Custom Modes VGA - up to 2048 x 1536, Custom Modes YUV - up to 1080i, 1080p
Sampling	Analog RGB - 170 Mpixels/s Digital DVI - 165 MHz Video—16bits per Pixel
Data Rates	Max @ 650MB/s
Curr @ +3.3V	0.25A
Curr @ +12V	1.2A (Peak)
Max Power	15 Watts
Temperature	0°C ~ 35°C (Operating Temperature) -20°C ~ +70°C (Storage Temperature)
MTBF	60,000 Hours
Origin	Made in UK

