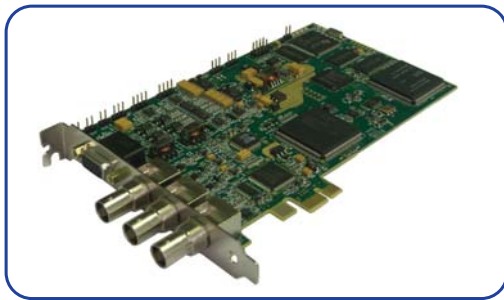


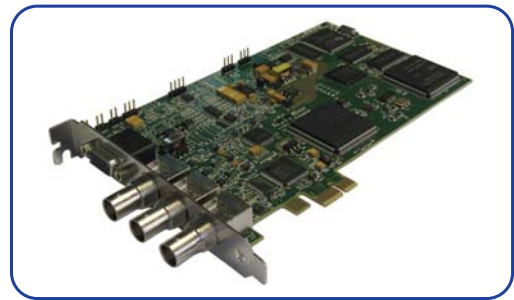
Stradis SDM Family

Single Channel Decoders

Stradis SDM290ex



Stradis SDM280ex



Stradis SDM230



Stradis SDM260ex



Stradis SDM Family

Single Channel Decoders

5 Boards	SDM230	SDM260ex (PCIe)	SDM280ex (PCIe)	SDM290e (PCI) SDM290ex (PCIe)
VIDEO OUTPUTS				SDI
Digital	-	-	-	-
Analog	Composite, RGB, YPbPr, S-video	Composite, RGB, YPbPr, S-video	Composite, RGB, YPbPr, S-video	Composite, RGB, YPbPr, S-video
SUPPORTED FORMATS				
Picture size	SD	SD	SD	SD
AUDIO OUTPUTS				
Digital	S/PDIF	-	AES3 (1)	AES3 (2)
Analog	Unbalanced (2)	Balanced / Unbalanced	Balanced / Unbalanced	Balanced / Unbalanced
DEVELOPERS RESSOURCES				
Operating Systems	Windows	Windows	Windows	Windows
Development Kits	Yes	Yes	Yes	Yes
SYSTEM CONFIGURATION				
PCI Compliance	PCI	PCIe (1 lane)	PCIe (1 lane)	PCI or PCIe (1 lane)

TECHNICAL SPECIFICATIONS

SDM230

VIDEO OUTPUTS

Analog Composite, RGB, YPbPr, S-video

SUPPORTED FORMATS

Video Formats NTSC / PAL

Picture size SD

Chroma Sampling Format 4:2:2 & 4:2:0

Profile (MPEG-2) 422P@ML / MP@ML

Color Standards NTSC / PAL

Maximum Video Bit Rate (MPEG-2) 50 Mbps

AUDIO OUTPUTS

Digital S/PDIF

Analog Balanced (2), Unbalanced CDRUM Style (2)

ADVANCED FEATURES

Vertical Interval Time Code Yes

Video adjustments Yes

Multiboarding Yes

DEVELOPERS RESSOURCES

Operating Systems Windows 7 / Vista / XP / 2000

Development Kits SDK / API

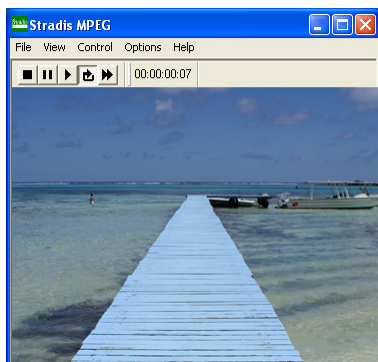
SYSTEM CONFIGURATION

Minimum Configuration P3 - 800 MHz, 512 MB RAM

PCI Compliance PCI rev2.1 (32 bits 33 MHz) (Automatic detection: 5V and 3.3V)

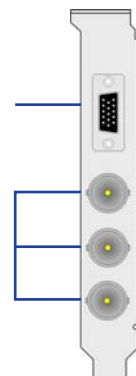
Dimensions of the board 127 x 106.68 mm (5" x 4.2")

Power consumption 12.3 W



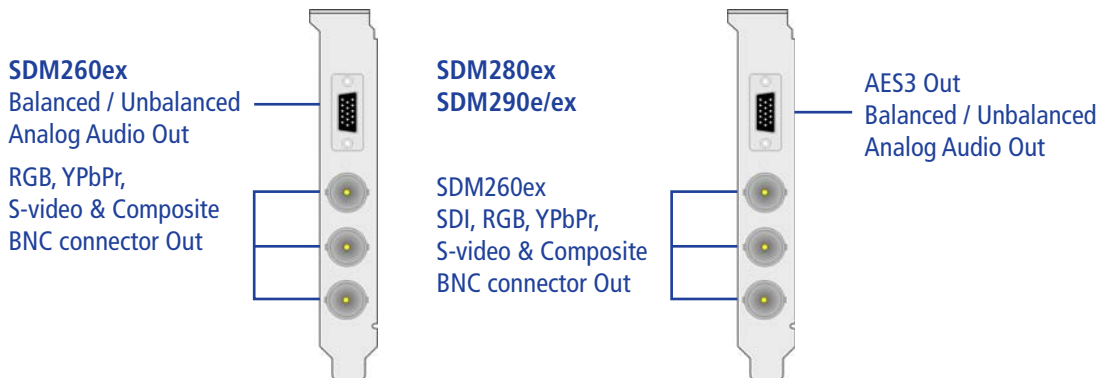
S/PDIF Out
Unbalanced Analog
Audio Out

RGB, YPbPr,
S-video & Composite
BNC connector Out



TECHNICAL SPECIFICATIONS

4 Boards	SDM260ex (PCIe)	SDM280ex (PCIe)	SDM290e (PCI) SDM290ex (PCIe)
VIDEO OUTPUTS			
Digital	-	SDI	SDI
Analog	Composite, RGB, YPbPr, S-video		
SUPPORTED FORMATS			
Video Formats	NTSC / PAL	NTSC / PAL	NTSC / PAL
Picture Size	SD	SD	SD
Chroma Sampling Format	4:2:2 & 4:2:0	4:2:2 & 4:2:0	4:2:2 & 4:2:0
Profile (MPEG-2)	422P@ML / MP@ML	422P@ML / MP@ML	422P@ML / MP@ML
Color Standards	NTSC / PAL	NTSC / PAL	NTSC / PAL
Maximum Video Bit Rate (MPEG-2)	Up to 50 Mbps	Up to 50 Mbps	Up to 50 Mbps
AUDIO OUTPUTS			
Embedded Audio Channel	-	8	8
Digital	-	AES3 (1)	AES3 (2)
Analog	Balanced (2), Unbalanced CDRUM Style (2)		
ADVANCED FEATURES			
RS-422 control	-	-	Yes
Linear Time Code Output	-	-	Yes
Genlock/Reference Input	Yes	Yes	Yes
Vertical Interval Time Code	Yes	Yes	Yes
Video adjustments	Yes	Yes	Yes
Multiboarding	Yes	Yes	Yes
DEVELOPERS RESSOURCES			
Operating Systems	Windows 7 / Vista / XP / 2000	Windows 7 / Vista / XP / 2000	Windows 7 / Vista / XP / 2000
Development Kits	SDK / API	SDK / API	SDK / API
SYSTEM CONFIGURATION			
Minimum Configuration	P3 - 800 MHz, 512 MB RAM	P3 - 800 MHz, 512 MB RAM	P3 - 800 MHz, 512 MB RAM
PCI Compliance	PCI rev2.1 (32 bits 33 MHz) (Automatic detection: 5V and 3.3V) or PCIe (1 lane)		
Dimensions of the board	174.63 x 106.68 mm (6.875" x 4.2")		
Power consumption	14.1 W	14.1 W	12.3 W (PCI) / 14.1 W (PCIe)



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