

DarkCrystal HD-SDI Duo _CD910 (C997)



Actual product image may vary from image shown.



- HD-projection presentations
- Surveillance system feeds in CCTV
- TV Studios or grandeur video wall with multi-screens

Features

- 2-CH HD/SD SDI video signal
- Support DVB-ASI input source
- Fit in PCIe Gen1 x4, x8, x16 slots
- Comprehensive SDK included
- Compatible with DirectShow , AVerMedia Capture SDK & Capture Studio

System Requirements

● For HD Video Preview and Record

Preview

-Intel® Core™ i3 CPU 530@ 2.93GHz or above

Record in MPEG-2 Format at bitrate 25Mbps

-Intel® Core™ i7 2600K CPU@ 3.40GHz or above

Record in H.264 Format at bitrate 10Mbps

-Intel® Core™ i7-3770K CPU @ 3.40GHz or above

Record in WMV Format

-Intel core i5 2500 or above(single core over 3.40GHz)

**For 1-ch video capturing*

● For SD Video Preview and Record

Preview

-Intel® Core™ i3 CPU 530@ 2.93GHz or above

Record in MPEG-2 Format at bitrate 6Mbps

-Intel® Core™ i3 CPU 530@ 2.93GHz or above

Record in H.264 Format at bitrate 15Mbps

-Intel® Core™ i5 CPU 750@ 2.67GHz or above

● SSD is required for AVI format recording

- Read: 200MB/s (or above)

- Write: 200MB/s (or above)

- System AHCI function needs to be activate

- SATA III interface on motherboard is required

- Dual core CPU (with main processor of frequency 3.40GHz or above) plus memory of dual channel architecture

** Two SSD to RAID is recommended for 2-ch video capturing*

● VGA card with support for DirectX9.0c or above*

● 512 MB RAM**

● PCI-E Gen1 x4, x8, x16 Slots

● Sound Card

● Windows® Win7/Win8.1(32bit/64bit)

*Standalone graphics card is recommended for HD video capturing.

** 2GB RAM is recommended for HD video capturing.

Specifications

Video Input	SDI/HD-SDI/SD-SDI/ASI (BNC)
Audio Input	Embedded SDI Audio (8-ch Embedded Audio per SDI input)
Video Resolution	(HD-SDI) 720p60/59.94/50/30/29.97/25/24/23.98 1080i60/59.94/50 1080p50/59.94/50/30/29.97/25/24/23.98 1080p30/29.97/25/24/23.98 (SD-SDI) 525i59.94 (NTSC) 625i50 (PAL)
Pixel Format	YUY2(4:2:2); V210(4:2:2)
SDI Color Precision	10/8-bit
Audio Sampling	48KHz at 24-bit
SDI Compliance	SMPTE 292M (HD-SDI) SMPTE 259M (SD-SDI)
PC Interface	PCIe Gen 1 x4
Operating Environment	Temperature: 0 to 50°C Humidity: 10 to 90% RHNC
Storage Environment	Temperature: -30 to 65°C Humidity: 10 to 90% RHNC
Dimensions (mm)	137.8(L)*110(W)*1.57(H)
SDI Cable Length(1694A)	HD: 200M, SD: 300m (Typical)