CD2-SDI-00

4-CH SDI HD/SD Decoder Module

INTRODUCTION

CD2-SDI-00 is a 4-channel decoding module that supports decoding 4 programs of H.265/H.264/MPEG-2 HD/SD and output via SDI interface. It's perfect for various monitoring applications by seamlessly working together with RF/ASI/IP receiving modules in CMP platform.

KEY FEATURES

- Dense design with 4 ports for each module
- Support H.265/H.264/MPEG-2 HD/SD decoding
- Support up to 1080P60
- Support downscale from 4K to HD/SD resolution

TECHNICAL SPECIFICATIONS

Video/Audio Decoding	
Channel	4 x CH
SD/HD/3G-SDI Output	4 x BNC, 75Ω
Video Profile/ Levels	MPEG-2 SD 4:2:0 MP@ML MPEG-2 HD 4:2:0 MP@ML H.264 SD MP@L3 H.264 HD MP@L4.1/HP@L4.1 H.265 Main/Main 10 profile@L5.1 High-tier AVS-P 16(AVS+) AVS2 P2 10-bit Profile @Level 8.2.60 Up to 4 audio pairs
Output Format	720x576i@25 720x480i@29.97,30 720x480p@50,59.94,60 1280x720p@50,59.94,60 1920x1080i@25,29.97,30 1920x1080p@25,30,50,59.94,60

Video/Audio Decoding	
Downscale	4K to HD/SD, HD to SD
Aspect Ratio	16:9 or 4:3
Audio Channel	2 x audio pairs for each channel*
Audio Code	Mpeg-1 Layer II Dolby Digital/AC-3 Dolby Digital Plus/E-AC3 AAC-LC, HE-AAC, HE-AACv2
Audio Mode	Stereo, Mono*, AC3 5.1 Pass-Through*
Volume Level	0-100%
Sample Rate	48KHz
SDI ANC Data	Closed Captions (CEA/EIA-708)*
DVB Subtitle	DVB subtitle burning (ETSI EN 300 743)*

* Future Features

ORDER INFORMATION

Model	Description
CD2-SDI-00	4-CH SDI H.265/H.264/MPEG-2 HD/SD decoder module, support AC3 (optional)/AAC (optional)/MPEG1-L2 audio decoding, Closed Caption/Subtitle
AC3	CMP AC3 audio license for 4x channels
AAC	CMP AAC audio license for 4x channels

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