

CDVBC5120AC

Irdeto CA Embedded with Dolby AC3 Cable Receiver



Description

CDVBC5120AC is a high performance and cost-effective digital cable receiver. The subscribers will have access to all digital channels scrambled by Irdeto CA system in cable and MMDS networks. Closed caption function is also available for American market. Embedded with Dolby AC3, the crystal picture and unique sound effect will definitely take viewers to a higher level of enjoyment.

Features

1. Powerful single chip
2. Fully DVB-C/MPEG2 compliant
3. Multi QAM demodulation selection: 16QAM, 32QAM, 64QAM, 128QAM and 256QAM
4. Support Annex A, Annex B, Annex C, 6M/8M
5. High Sensitiveness, full band Tuner
6. Irdeto CA support
7. Support Dolby AC decode and output
8. Mail and message support
9. Supporting Finger Print Display
10. Friendly user interface
11. Up to 1000 Channels memory space
12. Electronic program Guide
13. Teletext output support
14. Subtitle output support
15. Closed caption support
16. Live software upgrade or upgrade via RS232 port
17. Multi-Language OSD
18. Program parameters memorization when power-off
19. Aspect ratio 4:3 and 16:9
20. PAL / NTSC auto-conversion
21. CVBS and S-VIDEO output
22. S/P DIF digital audio output

Specification

TUNER

Input Frequency: 48 ~ 860MHz
Input Level: -25 ~ +20 dBmV
Input Impedance: 75 Ω

CHANNEL DECODING

Standard: DVB-C EN300 429
Demodulation: 16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Symbol Rate: 3.0 ~ 7.0 MS/s

DEMULTIPLEXER

Standard: ISO/IEC 13818-1
Input Max. Bit Stream Rate: 60Mbps(serial)/7.5MBps(parallel)

VIDEO DECODING

Standard: ISO/IEC 13818-2, MPEG-2 MP@ML
Aspect Ratio: 4:3, 16:9
Video Format: PAL/NTSC
Teletext: Through VBI format
Closed Caption: Through VBI format

AUDIO DECODING

Standard: ISO/IEC 13818-3
Decoding: MPEG-1 & MPEG-2 layer I and II
Output Mode: Mono, Dual channel, Stereo, Joint stereo
Volume Level: 24 Levels

MEMORY

CPU SDRAM: 8MB
AV SDRAM: 4MB
EEPROM: 2KB
FLASH memory: 2MB

SMART CARD

Standard: ISO 7816

RCU

Category: IR(Carrier 38KHz)
Battery: 2x1.5V AAA

FRONT PANEL

LED Display: 4-digit LED to indicate channel number and status
Keys: Up, Down, Left, Right, Menu, OK
Smart Card slot(s): 1
IR Receiver: 38KHz

REAR PANEL

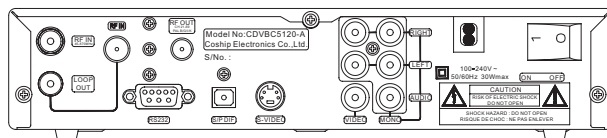
RF Input: F-type
Loop Through Output: IEC Male
RCA Output: 6 RCA(2 Left Audio, 2 Right Audio, Video, Mono)
Y/C Output: S-VIDEO
RF Modulator: CH21-69, CH25 or CH3/CH4(Optional)
RS232 Serial Port: DB-9 Female
Digital Audio Output: S/P DIF

POWER

Input Voltage: AC100 ~ 240V, 50/60Hz
Power Consumption: 15W max

AMBIENT

Operation Temperature: 0 ~ 40°C
Size: 260mm(W) x 201mm(D) x 52mm(H)
Weight: 1.49Kg



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