

CV 7000 HD

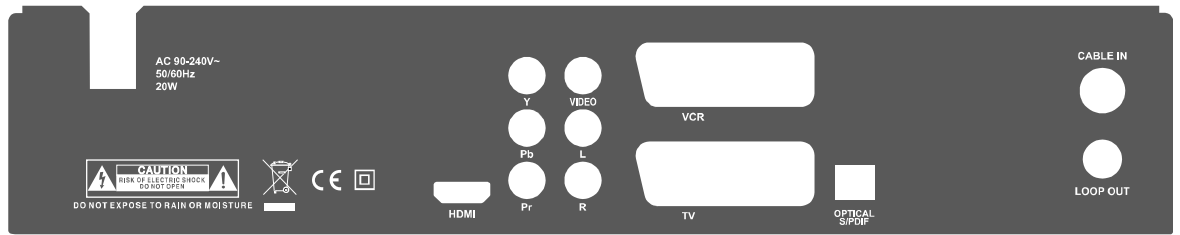
MPEG4/H.264 HD CABLE SET-TOP BOX / CI / CONAX

Features



- MPEG-4 part 10 / H.264 Main Profile Level 4
- MPEG-2 HD (MP@HL) or multiple SD (MP@ML) video decode
- European DVB standard digital cable reception
- HDMI Multimedia Output Supported
- Nordic requirement for Scandinavian markets supported
- Interfacing with the CAM module of DVB Common Interface standard
- Embedded CONAX with one smart card reader
- Constellation : 16 / 32 / 64 / 128 / 256 QAM
- Channel search mode : Network / Auto / Manual
- Teletext supported : OSG & VBI insertion for TV
- Subtitle supported : DVB subtitle / Teletext subtitle
- Dolby AC3 digital audio bitstream out through S/PDIF
- EPG : Present / Following & Scheduled EPG
- Over-The-Cable SW download
- Parental lock : Channel lock / Install lock / STB lock
- Variable aspect ratio : 4:3 (Full, Center, Letter Box) / 16:9
- Timer : On timer / Off timer / Sleep timer / VCR timer
- Channel grouping : Favorite / Network / CAS / A-Z
- Volume offset for each channel





1. Tuner & Channel

Input connector	IEC 169-2, female
Output connector	IEC 169-2, male
RF input range	64MHz -858MHz
Input dynamic range	45 to 75 dB μ V
Channel selection	PLL Synthesizer Step Size :62.5KHz IF : 36.125MHz
Supporting system	DVB-C(QAM) Compliant
IF Bandwidth	8MHz
Frequency Range	VHF Low band : 64 - 149.5MHz VHF high band : 156.5 - 442 MHz UHF band : 450 - 858 MHz
C/N ratio	64QAM : 25.5dB 256QAM : 32.5dB
ANT normal impedance	ANT IN : 75 Ohm unbalance TV OUT : 75Ohm unbalance

2. MPEG transport stream A/V decoding

Transport stream	MPEG-2 ISO/IEC 13818 Transport stream specification
Profile & level	MPEG-2 MP@HL, MPEG-4 p10/H.264 Main Profile Level 4.1
Aspect ratio	4:3(Full, Center, Letter Box), 16:9
Video format	576i, 576p, 720p, 1080i
Audio decoding	MPEG1 layer 1 & 2, MPEG2 layer 2 MPEG2 AAC, AAC-SBR & AC3 Dolby Digital
Audio mode	Stereo, dual channel, joint stereo, mono
Sampling rate	32, 44.1 and 48kHz

3. Memory

Flash memory	8M bytes
DDR SDRAM	128M bytes
EEPROM	16K bytes

4. A/V & Data In/Out

SCART	TV x 1, VCR x 1
CVBS video out	RCA x 1, SCART x 2 (TV, VCR)
Component out	RCA x 3 (Y, Pb, Pr)
Digital AV out	HDMI
S/PDIF	Optical x 1
Analog audio out	RCA x 2 (L-CH x 1, R-CH x 1) SCART x 2 (TV, VCR)
	Resolution 16bit DAC
	Output Level 2Vrms Max
	Volume & mute control

5. PCMCIA

Number of Slot	1
Type	I, II DVB Common Interface Standard

6. Conditional Access

Embedded Conax	1 Smart Card Reader
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7. Power Supply

Input voltage	AC 90-240V~, 50/60Hz
Type	SMPS
Power consumption	20W max.
Protection	Separate internal fuse and chassis grounding and the input shall have lightning or electric shock protection.

8. Physical Specifications

Size (W x H x D)	320mm x 60mm x 220mm
Weight	about 2.0 Kg

9. Environment

Operating temperature	+5 \square +45 \square
Storage temperature	-40 \square +65 \square