

The *OmniLynx*
OC-100R
Digital Cable Receiver



The OmniLynx OC-100R/OC-100RC is a state-of-the-art digital cable receiver supporting OmniCrypt CAS. It is fully compliant with MPEG-2 and DVB-C standards.

Furthermore, the receiver also supports CA, EPG and parental lock control. The user friendly OSD menu system provides easy receiver installation and channel search/edit function.

Main Features:

- Fully compliant with DVB-C/MPEG-2
- DVB digital TV conditional standard
- Supports OmniCrypt CAS
- Supports QAM16/32/64/128/256 mode demodulation
- Hi-fi stereo audio output
- Software updates via local RS232 serial port
- Auto search program function
- Favorite channel setting
- Embedded loader support remote upgrade
- User friendly EPG
- S-VHS video output
- Automatic PAL/NTSC detection
- Supports CAS smart card interface
- Full function remote control



OC-100R

Digital Cable Receiver



Technical Specifications

TUNER

- Standard: DVB-C EN300 429
- Input level: -10dBmV ~+20dBmV
- Input frequency: 50-860 MHz
- Input impedance: 75 ohm

SIGNAL CHANNEL

- Demodulation mode: 16/32/64/128/256 QAM
- Symbol rate: 3.0-7.0MS/s

VIDEO DECODER

- Standard: ISO/IEC 13818-2, MPEG-2 MP@ML
- Video output level: 1.0 Vp-p
- Video aspect ratio: 4:3, 16:9
- Resolution: max. 720 x 576 for PAL, 720 x 480 for NTSC

AUDIO DECODER

- Standard: ISO/IEC 13818-3 MPEG-1 layer I & II and MPEG-2
- Audio output level: 0 dBm
- Output mode: left, right, stereo
- Sampling frequency: 32, 44.1, 48kHz

FRONT PANEL

- LED indicator: power and status
- IR remote control receiver: 38kHz
- 7 buttons: up/down/left/right/menu/OK

BACK PANEL

- RF input: IEC type female connector
- RCA output: 6 RCA (2x left/right audio, 2 x video)
- Y/C output: s-video
- RF loop through output: IEC type male connector
- RS232 interface: DB-9 female

POWER

- Input voltage: AC90-260V, 50/60 Hz
- Power consumption: 30 W max

AMBIENT

- Operation temperature: -5°C ~ +45°C
- Size: 270 mm x 220 mm x 65 mm
- Weight: 2.3 Kg



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