

# OC-2700

## OpenCable Set-Top Box

### 디지털 양방향 셋탑박스



- 한국형 디지털 양방향 셋탑박스
- OCAP 미들웨어 탑재
- 편리한 EPG기능
- VOD(Video On Demand) 서비스 지원
- 돌비 디지털 사운드
- 다양한 방송 서비스(음악, 데이터 방송) 지원

- Complies with DSG specification of OpenCable
- Cable Card Interface
- Supports embedded EPG application using the following information
  - PSIP
  - OOB SI
- Interactive channel using DOCSIS Cable modem
- Supports ISP service using DOCSIS1.1 Cable modem
- Includes Copy Protection of POD
- Supports analog copy protection - Macrovision
- OCAP Middleware
- In/Output connector
  - 2 sets of RCA (CVBS, Audio left/right)
  - Component (Y, Pb, Pr)
  - S-Video
  - S/PDIF
  - Ethernet
  - RF output connector with loop through

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## OpenCable Set-Top Box



### Specification

#### Power Supply (internal)

Input Voltage AC 90 ~ 250V 60/50Hz

#### Tuner and Demodulator for NTSC and FAT

Channel Standard NTSC signal  
FAT ITU-TJ.83 Annex B  
(OpenCable DVS 031 standard)

Input Frequency NTSC 54 ~ 552 MHz  
FAT 54 ~ 864 MHz

Signal Level -15 ~ +15 dBmV @ 256 QAM  
-15 ~ +15 dBmV @ 64 QAM

Demodulation 64/256 QAM

Input Symbol Rate 5.057/5.361 Msymbol/sec

#### Cable Modem

Channel Standard DOCSIS 1.1 standard  
OpenCable DOCSIS Set-top  
Gateway Interface  
(SP-DSG-101-020228)

Input Frequency Downstream 88 ~ 860 MHz  
Upstream 5 ~ 42 MHz

#### Video Decoder

Transport Stream MPEG-2 ISO/IEC 13818

Profile Level MPEG-2 Main Profile @ Main Level

Input Rate Max. 15 Mbps

Video Formats 4:3, 16:9 (Letter Box)

Analog Copy Protection Macrovision

#### Audio Decoder

Channel Dolby AC3 and MPEG layer  
I and II  
/single/dual mono  
/stereo/joint - stereo

Sampling Frequency 32/44.1/48K

#### Processor

CPU ARM920T processor, 250 MHz CPU

#### Memory

FLASH 16 Mbyte

SDRAM for System 64 Mbyte (128Mbyte)

SDRAM for MPEG & Graphic

EEPROM 128 kbit (256kbit)

#### RF-Loop through

RF/Loop through Output Connector 75 ohm, F-connector  
(IEC 169-24), Female

Output Frequency 54 ~ 862 MHz

#### Front

Slot One slot for Cable Card

Buttons 10 buttons

Display 5 LED: Power, RCU, TV, Link,  
On Line, 4 Digits (7 Segments)

#### Rear

Power Cable Fixed type

RCA 2 pairs of Video, Audio (Left/Right)

Component a pair of Y, Pb, Pr

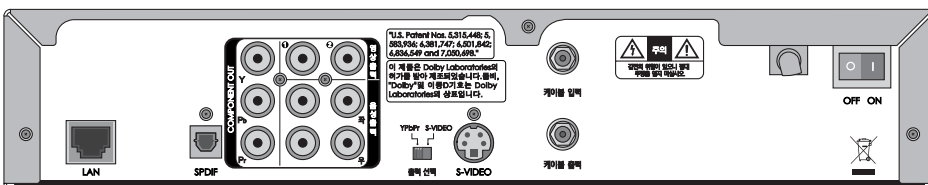
S/PDIF 1 EA

S-Video 1 EA

10/100BaseT Ethernet port 1 EA

Input Cable F-connector (IEC 169-24), Female

Path Through Output F-connector (IEC 169-24), Female



\* Specifications and functions may be changed for improvement without notice in advance.



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