

TC-9512-PVR

DIGITAL PVR QAM RECEIVER

With Built-in Hard Disk for Time-Shift Recording



TC-9512-PVR is a powerful Multimedia set-top box with a built-in hard disk designed for cable and MMDS applications. This device features a built-in 160 GB hard disk for up to 160 hours of instant and time-shift recordings. This receiver is fully compliant with MPEG-2 and DVB-C standards and features AC-3 (option), subtitle, conditional access (CA), EPG, parental lock control, and multimedia 3-in-1 card reader to enrich the enjoyment of digital media.

c MAIN FEATURES

- ¡ Powerful Embedded 32-bit RISC Processor
- ¡ BUILD-IN 160GB HARD DISK
- ¡ Support EPG recording and schedule recording for TV/Radio
- ¡ Support *.MP3, *.AC3, *.WAV, *.WMA formats for Music playback
- ¡ JPEG, BMP, GIF Picture browsing
- ¡ Multi-Language OSD
- ¡ Support NIT/Auto/Manual search
- ¡ Parental Control supported
- ¡ DVB Teletext supported
- ¡ AC-3 Audio decoding supported (option A)
- ¡ Support CA (LynxCrypt for LT / L, Conax for C)
- ¡ Fingerprint supported
- ¡ OSD message and B-mail supported
- ¡ S/P DIF output
- ¡ Fully DVB-C & MPEG-2 compliant
- ¡ EPG Booking , file management function
- ¡ Support *.DAT, *.MPG, *.VOB, *.AVI formats for movie playback
- ¡ SD/MMC/MS 3-in-1 Card reader (option)
- ¡ Support Constellation QAM16, 32, 64, 128, 256
- ¡ Electronic Program Guide (EPG) supported
- ¡ Auto Channel Update supported
- ¡ Support OTA Software upgrade
- ¡ Support DVB and SCTE-27 (former DigiCipher II) subtitles
- ¡ USB port for play-back of multimedia WMV, WMA, (option)
- ¡ Hard- Disconnect supported
- ¡ Support Soft-Disconnect (7-day expiration reminder)
- ¡ PAL/NTSC auto-detection

Specifications :

Tuner

- n Input Frequency: 50~860MHz
- n Loop out frequency: 50~860MHz
- n Input Level: 35dBuV ~ 90dBuV
- n Input Impedance: 75ohm

PROCESSOR AND MEMORY

- n CPU: Embedded 32-bit RISC, 128QFP
- n Processor speed: 108MHz
- n Flash Memory: 16Mb
- n Program SDRAM: 64Mb /128Mb(option)

Channel decoding

- n Standard: DVB-C EN300 429
- n Demodulation: QAM16, QAM32, QAM64, QAM128, QAM256

Demultiplexer

- n Standard: ISO/IEC13818-1
- n Input Max. Bit stream rate: 60Mbps (serial)/7.5MB/s(parallel).
- n VIDEO DECODING Standard: ISO/IEC13818-2MP@ML
- n Aspect Ratio: 4:3, 16:9
- n Video Format: PAL/NTSC
- n Video Resolution: 720x576 /720x480
- n AUDIO DECODING Standard: ISO/IEC13818-3 & ATSC A-52B (option)
- n Decoding: MPEG-1&MPEG-2 layer I/II & ATSC AC-3 (option)
- n Output Mode: Left, Right, and Stereo
- n Sampling Frequency: 32, 44.1, 48KHz
- n Volume Level: 24Levels

Hard Disk

- n 160GB hard disk
- n FAT32 format

Audio/Video Output

- n Video Bandwidth: 5.5MHz
- n Video Output Impedance: 75 ohm
- n Video Output Level: 1.0Vp-p
- n Audio Output: Mono, Stereo
- n Audio Output Frequency: 20Hz~20KHz
- n Audio Output Impedance: Low

Others

Front Panel

- n 7-Keys: Power, Menu, Ok, Up, Down, Left, Right
- n IR Receiver: 38KHz
- n 2 LED Indicators: status, Standby
- n 4-segment LED display; Smart Card Slot: 1 (Option)

Back Panel

- n RF Input: IEC Female or F-con
- n Loop Through Output: IEC Male or F-con
- n RCA Output: 6 RCA (2 Left Audio, 2 Right Audio, 2 Video)
- n RS232 Serial Port: DB-9 Female
- n Digital Audio Port: SP/DIF(RCA coaxial)
- n RF Modulator: CH3/CH4 (Option)

General

- n RCU: Category: IR (Carrier 38KHz)
- n Battery: 2x1.5VAAA
- n Operating Temp. : -5-+45°C
- n Power consumption : 15 W Max.
- n Power supply : AC 70~265V, 50/60Hz
- n Weight : 1.4 Kg
- n Dimension : 300 mm (W) x 200 mm (D) x 40 mm (H)

Option

- n SCART OUTPUT ; 3-in-1 Card Reader
- n USB 2.0 ; Smart Card Reader : standard: ISO7816