

Digital Terrestrial Set-Top Box DT510F

Digital Cable Set-Top Box DC510F

Hardware Specification

- MPEG-II Digital & Fully DVB-T (DT510F); DVB-C (DC510F) Compliant video and audio
- Support MPEG-2 video at MP@ML, MP@LL, SP@ML
- DVB-T Compliant COFDM Tuner (DT510F); DVB-C Compliant QAM Tuner (DC510F)
- COFDM 2K/8K demodulation (DT510F); 16/64/256 QAM demodulation (DC510F)
- 7/8 MHz Channel Bandwidth
- Display Resolution PAL 720x576 @ 50Hz interlace
- Full screen OSD, alpha blending and arbitrary video scaling
- Four display planes including background, still picture, video and OSD graphics
- Support for JPEG still image display
- Audio decoder accepted MPEG-1, layers I and II
- Stereo, Joint Stereo, Mono audio mode supported
- RC6 RCU IR protocol supported
- RF modulator optional (PAL I, D/K, B/G)
- TUNER loop through optional
- Smart card reader optional



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System Resource

- CPU: Enhanced 32bit VL-RISC CPU Sti5105
- SDRAM: 8/16/32 Mbytes optional
- FLASH: 1/2/4 Mbytes optional
- TUNER: SAMSUNG or PHILIPS with RF-remod optional
- COFDM demod: stv0360 or 361 (DT510F)
- QAM demod: Stv0297D or 297J (DC510F)

Connectivity

- Tuner Signal Input
- Tuner Signal loopthrough
- RF modulator optional
- TV SCART (support CVBS, RGB, YCbCr, L/R, TV switch)
- VCR SCART (support CVBS, RGB, YCbCr, L/R, VCR switch)
- Analogue audio L&R RCA outputs
- RS232 serial port
- SPDIF RCA or Optical output Optional
- Three Front Panel Buttons for stand-by, channel up and down.
- One Front Panel bi-color LED for power/standby indicator
- Smart card reader optional

Power

- 12V DC input
- Power adaptor 216-264V AC input, 12V/1A DC output
- Power Consumption: 8W typical
- Standby Consumption: < 5W typical

