



iDTV Solution

iDTV, an Integrated Digital TV incorporates a digital / analogue receiver and does not therefore need a separate set-top box. The display device includes a tuner, MPEG decoder, image multi-functions processor and the essential functions of a set-top box.

Features

- DVB-T Reception covers VHF III (174MHz~227MHz) & UHF band (470MHz~865MHz), Analogue
- Reception covers VHF I/ III & UHF band
- Bandwidth: 6MHz / 7MHz / 8MHz Supported
- Signal Level: -86 to -10 dBm
- Demodulation: COFDM 2K and 8K carrier modes and all COFDM modulation types (QPSK, 16QAM and 64QAM), code rates and guard interval defined by the DVB-T standards.
- MPEG TS: MPEG2 ISO/IEC 13818-1 Transport Stream at rate up to 100 Mbps
- Profile Level: MPEG2 **MP@ML**
- Video Input Rate: 15 Mbit/s Max.
- Aspect Ratio: 4:3, 16:9 Letter box
- Video Resolution: 720x576 pixels @ 25fps for PAL
720x480 pixels @ 30fps for NTSC
- Audio decoding: MPEG/Musicam layer I/II
- Audio mode: Auto / Stereo / Mono / Right-Both / Left-Both
- Digital Audio Output S/P DIF
- EPG: Electronic Program Guide Available, and Information Plate
- Present / Following Information Available
- Teletext On OSD Layer / VBI, compliant with ETSI/EN300 472
- 1000 Editable Channels
- 20 Groups of Favorite Channels
- Multi-language supported(English, French, German, Italian, Spanish, Dutch, Swedish, etc)
- PAL/ NTSC digital conversion
- Parental Lock Control (Optional)
- Automatic or Manual installation
- Software Upgrade via RS-232 Serial Port, or OTA (optional)
- Single -Chip Enhanced LCD TV Controller (GENESIS)
- Integrated 3D Video Decoder with Faroudja® TrueLife™ Video Enhancer
- Advanced PIP Features
- Advanced Color Management (ACM-3D) and Adaptive Contrast Control (ACC)
- Embedded 10-bit Dual Channel LVDS for 1080p and WUXGA panel support

