

Digital Satellite PVR



TF4010PVR Plus

2 Common interfaces for CONAX, CRYPTOWORKS, IRDETO, NAGRAVISION, SECA & VIACCESS

- MPEG-2 Digital and fully DVB compliant
- Twin Tuners with Dual Decoding (PIP)
- Dual Recording and Time-shifting simultaneously
- 360 MIPS high speed data transaction
- EPG (Electronic Program Guide)
and PIG (Picture in Graphic) Function

TF4010PVR Plus



- MPEG-2 Digital and fully DVB compliant
- 2 Common Interfaces for CONAX, CRYPTOWORKS, IRDETO, NAGRAVISION, SECA & VIACCESS
- 2 Tuners
- 5000 services (TV and Radio) programmable
- Multilingual audio support
- Multilingual menu text support
- Service switching time less than 1 second
- Service list editing
- Favorite service list editing
- True-color On-Screen Display (OSD)
- Full Picture In Graphic (PIG) function
- Electronic Program Guide (EPG) for on screen service information
- Subtitle supported
- Teletext supported by VBI insertion and software emulation
- Parental lock facility by service and program event
- Firmware and Data transfer from receiver to receiver
- Exciting games embedded
- S/PDIF for digital audio or Dolby AC-3 bitstream output
- DiSEqC 1.0, 1.1, 1.2 and USALS(DiSEqC 1.3)
- Recording capacity can be changed depends on HDD volume. (Ex. 80GB->40hours, 160GB->80hours, 200GB->100hours)
- Powerful trick mode supported
- Playback of the selected region repeatedly
- Dual Decoding(PIP)
- Dual Recording and Playback simultaneously
- Dual Recording and Time-shifting simultaneously
- Firmware upgrade by Over-The-Air

Tuner & Channel Decoder

2 Tuners	
Input/Loop through Connector	F-type, IEC 169-24, Female
Frequency Range	950 ~ 2150MHz
Signal Level Input	-65 ~ -25dBm
LNB Power & Polarization	Vertical : +13.5VDC Horizontal : +18VDC Current : Max. 500mA with Overload Protection
22KHz Tone	Frequency : 22±1KHz Vpp : 0.65±0.2V
Demodulation	QPSK
Input Symbol Rate	1~45 MS/s
Code Rate	1/2, 2/3, 3/4, 5/6 and 7/8

MPEG Transport Stream A/V Decoding

Transport Stream	ISO/IEC 13818-1 MPEG-2 Transport stream Specification
Profile Level	MPEG-2 MP@ML
Aspect Ratio	4:3, 16:9
Video Resolution	720 x 576
Audio Decoding	MPEG-1 Layer 1, 2 & 3

Main System

Main Processor	RISC CPU
HDD	80GB, 120GB/160GB/200GB (Optional)

Conditional Access Interface

PCMCIA	2 slots DVB Common Interface standard
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A/V & Data In/Out

TV-Scart	Video CVBS/S-VIDEO/RGB/YUV output Audio L/R output
VCR-Scart	Video CVBS output Audio L/R output Video CVBS/S-VIDEO/RGB input for bypass Audio L/R input for bypass
RCA A/V	Video CVBS output Audio L/R output
S/PDIF	Digital audio or Dolby AC3 bitstream output
RS-232C	9 pin D-sub type Transfer rate : max. 115.2Kbps

Front Panel

Keys	5 Keys (CH-/+, VOL-/+, STANDBY)
LEDs	TV/STB, REMOTE, STANDBY
4 digit 7-segment	Service number/home or Time display
RCU	35key

Power Supply

Input Voltage	90 ~ 250VAC, 50/60Hz
Type	SMPS
Power Consumption	Running: Max. 50W, Standby: 10W
Protection	Separate internal fuse The input shall have lightning protection

Physical Specification

Size(W x H x D)	340 x 60 x 265 mm
Weight(Net)	2.8 kg (without HDD) / 3.4 Kg (HDD included)

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

