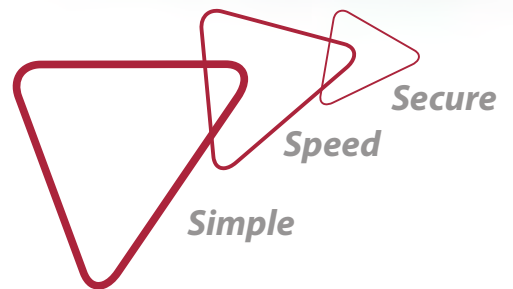




F-9000 HD PVR

- * Digital Satellite PVR & receiver
- * H.264 / MPEG4 - HD/SD , DVB-S2 Twin Tuner
- * Powerful compatibility through Embedded Linux OS
- * Time Shifting with Internal HDD (SATA)
- * Recording & Playback with External Storage Devices (USB 2.0)
- * Recording and Time Shifting Simultaneously
- * Recording and Playback Simultaneously
- * Event Recording by EPG
- * Dual USB 2.0 Host Support (MP3 Player & JPEG Viewer)
- * DivX file Playback Support
- * Ethernet port / Universal remote control unit
- * HDMI Video & Audio Output
- * PIP(Picture-in-Picture) & Multi-picture Display
- * 1W Stand-by Power Consumption



F-9000 HD PVR

* Tuner & Channel Decoder (Satellite)

Input Connector	F-type, IEC 169-24, Female
Loop through out	F-type, IEC 169-24, Female
Frequency Range	950MHz ~ 2150MHz
Input Impedance	75Ω, unbalanced
Signal Level	-65 to -25dBm
LNB Power	13/18VDC, max.400mA
22KHz Tone	(22±2)KHz, (0.6±0.2)V
DISEqC Control	V1.0/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	2 ~ 45 Ms/s(QPSK of DVB-S) 2 ~ 45 Ms/s(QPSK of DVB-S2) 2 ~ 37 Ms/s(8PSK of DVB-S2)
FEC Decoder	1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K=7(DVB-S) 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9 and 9/10 (DVB-S2)

* MPEG Transport Stream A/V Decoding

Transport Stream	H.264(MPEG-4 part 10, MPEG-4/AVC and H26L) MPEG-II ISO/IEC 13818-2/11172-2
Profile Level	MPEG-4/AVC MP@L4, MPEG-II MP@HL
Input Rate	Max. 15Mbit/s
Video Formats	4:3 Letter Box, 4:3 PanScan, 16 : 9
Video Resolution	720 x 576i, 720 x 576p, 720 x 480i, 720 x 480p 1280 x 720p, 1920 x 1080i
Audio Decoding	Dolby AAC, AC-3, MPEG-1 Layer 1,2 and 3
Audio Mode	Streo/Joint stereo/Mono, Dolby AC-3
Sampling Rate	32KHz, 44.1KHz and 48KHz(According to input)

* Main System

Main Processor	STI chipset
Memory	Flash-ROM : 32 Mbyte SDRAM : 192 MBytes EEPROM : 128 bytes

* Audio / Video & Data IN/OUT

TV SCART	RGB, Y/C, CVBS Video, Audio L, R Output
VCR SCART	CVBS Video, Audio L, R Output
	RGB Video input, CVBS Video, Audio L, R Input
RCA	CVBS Video Output, Audio L, R Output
Component	YPbPr Video Output
HDMI	Video & Audio Output
OPTIC	AC-3 Dolby Digital (SPDIF)
RS-232C	9 pin D-SUB (Male) type, Transfer rate 115Kbps
USB	USB 2.0 Host Support (Front & Rear)

* Front Panel

Slot	1 USB 2.0 Host port 2 Common interface & Smart Card Slot
Display	VFD(Vacuum Fluorescent Display) - 12Digit
Buttons	7 Buttons(Standby, Menu, Select, CH UP/DOWN, Volume UP/DOWN)

* Power Supply

Input Voltage	AC 100 ~ 250V, 50/60Hz
Type	SMPS
Power Consumption	Max. 60W
Standby Power	Max. 1W
Protection	Separate Internal Fuse & Lighting protection

* Physical Specification

Size (W x H x D)	430mm X 60mm X 230mm
Weight (Net)	2.7 Kg
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C

