

High Definition Satellite Recorder Providing Crystal Clear Images

S4000HDPVR



TWIN TUNER HDTV PVR RECEIVER (H.264/ MPEG4 HD)

SUPPORTS MPEG4/MPEG2 - HD/SD, DVB-S2/DVB-S

EMBEDDED LINUX OS & ETHERNET PORT

TIME SHIFTING, RECORDING & PLAYBACK WITH INTERNAL HDD (SATA)/EXTERNAL HDD (USB 2.0)

AVAILABLE WITH NO HDD/320GB/500GB/1TB



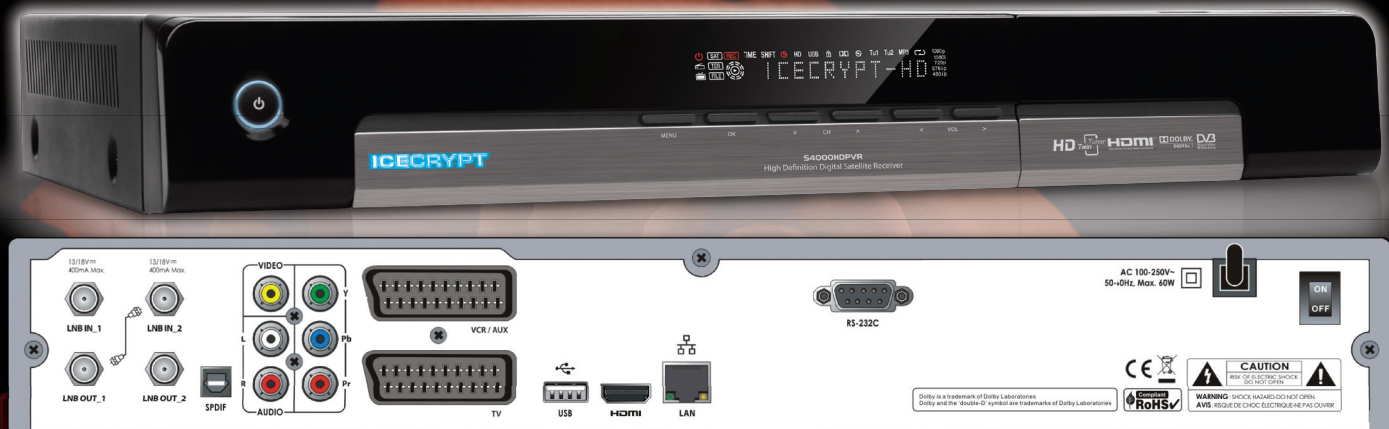
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FEATURES

Xvid file play back supported
 On-Screen Display with Full Colour & Resolution
 Embedded Linux OS & Ethernet port
 Favourite Groups
 Teletext / Subtitle Supported
 Supports Y / Pb / Pr(component) Output in HD
 Service Sorting by Alphabet, Transponder and CAS
 Multi-LNB Controlled by DiSEqC Control Version 1.0, 1.1, 1.2 and USALS
 Picture-in-Picture (PIP) & Multi-Picture Display / Parental Lock /
 System Lock / Installation Lock

Software & Service channel Database upgrade via USB & RS-232C port
 Twin Tuner HDTV PVR Receiver (H.264 / MPEG4 HD)
 Supports MPEG4 / MPEG2 - HD / SD, DVB-S2 / DVB-S
 Simultaneously Records 2 Services while watching 2 others (PIP)
 Powerful Extended EPG supports and Event Recording
 Two USB 2.0 Host ports (MP3 Player & JPEG Viewer)
 Premium Grade White VFD Display (12 Digit Alphanumeric)
 Intelligent Blind Scan for both SD and HD TV & Multi-Satellite Search
 Time Shifting, Recording & Playback with
 Internal HDD (SATA) / External HDD (USB 2.0)

Maximum 10,000 Services (TV & Radio) Programmable
 HDMI Video & Audio Output (576i, 576p, 720p, 1080i)
 CVBS(composite) Video & Audio Output via RCA
 CVBS, RGB, Y / C Video & Audio Output via TV SCART
 Optical Output for Digital Audio (SPDIF)
 MPEG-II Digital & Fully DVB Compliant
 1 Smart card reader and 2 Common Interface Slots
 1W Stand-by Power Consumption
 Powerful Service List Manager for Favourites, Lock, Skip, Move, Edit and Delete
 User Friendly & Multi-language Supported (OSD & Menu)



SPECIFICATIONS

TUNER & CHANNEL DECODER

Input Connector	FEC Decoder 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	Stereo/ 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
RCA	RGB Video input, CVBS Video, Audio L, R Input
Component	CVBS Video Output, Audio L, R Output
HDMI	YPbPr Video Output
OPTIC	Video & Audio Output
RS-232C	AC-3 Dolby Digital (SPDIF)
USB	9 pin D-SUB (Male) type, Transfer rate 115Kbps
Ethernet	USB 2.0 Host Front & Rear Support. (5 Vdc 500 mA max.) RJ45 connector, 100 Mbps

FRONT PANEL

Slot	1 USB 2.0 Host port 2 Common interface PCMCIA slot 1 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 270mm
Weight (Net)	2.7 Kg (Excluding HDD)
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C

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