

UltraPlus[®]

Full HD Digital Two Tuner Receiver

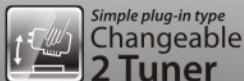
Full HD support up to 1080p / Changeable Two Tuner High Definition PVR / Supports internal SATA 2.5" HDD
Powerful compatibility through Embedded Linux OS / Web browsing supported (Google, YouTube, etc.)



340mm X 60mm X 230mm (W x H x D)

X-9200HD PVR

- * **Changeable Two Tuner Full HDTV PVR Receiver (DVB-S/S2, DVB-C, DVB-T, DVB-T2)**
- * **H.264/MPEG4/MPEG-2 (HD/SD), DVB-S2 Compliant**
- * **Powerful compatibility through Embedded Linux OS**
- * **Time Shifting, Recording & Playback with Internal 2.5 inch HDD (SATA), External HDD (e-SATA or USB 2.0) up to 1TB**
- * **Simultaneous Records 3 Services and Watching 2 others (PIP)**
- * **Powerful Extended EPG supported with Event Recording**
- * **3 USB 2.0 Host ports (MP3 Player & JPEG Viewer)**
- * **Supports Various Media File Format Playback (Xvid file Playback)**
- * **10/100 base Tx Ethernet port**
- * **Supports Wi-Fi via external USB device**
- * **Picture-in-Picture (PIP) & Multi-picture Display**
- * **HDMI Video & Audio Output (576i, 576p, 720p, 1080i, 1080p)**
- * **2 Smart card reader and 2 Common Interface Slots**
- * **1W Stand-by Power Consumption**



X-9200HD PVR



X-9200HD PVR

* Tuner & Channel Decoder (S2 tuner)

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	V1.0/1.1/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	1 ~ 45 Ms/s (QPSK of DVB-S)
	1 ~ 45 Ms/s (QPSK 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, 2/3, 3/4, 3/5, 4/5, 5/6, 8/9, 9/10 (DVB-S2)

* MPEG Transport Stream A/V Decoding

Transport Stream	MPEG-4 part 10(H.264), MPEG-2 ISO/IEC 13818
Profile Level	MPEG-4 MP@L4.1, MPEG-2 MP@HL
Input Rate	Max. 80Mbit/s
Video Formats	4:3 LetterBox, 4:3 PanScan, 16:9
Video Resolution	720x576i, 720x576p, 720x480i, 720x480p, 1280x720p, 1920x1080i, 1920x1080p (HDMI)
Audio Decoding	AC3, MPEG-1 Layer I/II, MPEG-2 Layer II
Audio Mode	Stereo/Joint stereo/Mono, Dolby AC3
Sampling Rate	32KHz, 44.1KHz and 48KHz

* Main System

Main Processor	STi chipset
Memory	Flash-ROM : 64 Mbytes SDRAM : 256 MBytes EEPROM : 256 byte

* 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 YPbPr Component Video Output
HDMI	Video & Audio Output
Optic	AC3 Dolby Digital (SPDIF)
RS-232C	9 pin D-SUB (Male) type, Transfer rate 115Kbps
USB	3 USB 2.0 Host Support (5V DC 500 mA max)
Ethernet	RJ45 connector, 1000mbps
e-SATA	External SATA HDD Support

* Front Panel

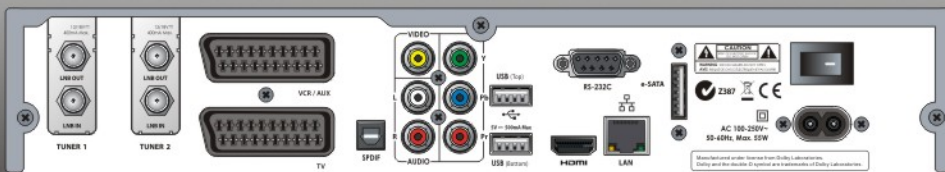
Slot	1 USB 2.0 Host Slot 2 Common Interface PCMCIA slots 1 Smart Card Slot
Display	VFD (Vacuum Fluorescent Display) - 12 Digits
Buttons	5 Buttons (Standby, CH UP/DOWN, VOL UP/DOWN)

* 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)	340mm X 60mm X 230mm
Weight (Net)	2.0 Kg (Excluding HDD)
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C



340mm X 60mm X 230mm (W x H x D)

