

UltraPlus[®]

High Definition Digital Satellite Receiver

Full HD supports up to 1080p / Embedded Linux OS

Web browsing supported (Google, YouTube, etc.) / MKV, Xvid files playback support



260mm X 43mm X 180mm (W x H x D)

900HD miCro PVR

- * Full HD Satellite PVR Receiver
- * H.264/MPEG4/MPEG-2 (HD/SD), DVB-S2 Compliant
- * Powerful Compatibility through Embedded Linux OS
- * Time Shifting, Recording & Playback with External Storage Devices (USB 2.0)
- * Simultaneous Recording of 3 Services and Watching 2 others (PIP)
- * USB 2.0 Host ports (MP3 Player & JPEG Viewer)
- * Powerful Extended EPG with Event Recording
- * Picture-in-Picture (PIP) Supported
- * HDMI Video & Audio Output (576i, 576p, 720p, 1080i, 1080p)
- * Supports Various Media File Format Playback (Xvid file Playback)
- * 10/100 base Tx Ethernet port
- * Supports Wi-Fi via external USB device
- * 1 Smart Card Reader and 2 CI



SATELLITE



TIMESHIFT



USB RECORDING
PVR



HDMI



JPG IMAGE
VIEWER



MP3 MUSIC
PLAYER



PIP



MULTI
PICTURE



ETHERNET

900HD miCro PVR



900HD miCRO 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	V1.0/1.1/1.2/USALS Compatible
Demodulation	QPSK / 8PSK
Input Symbol Rate	2 ~ 67.5 Ms/s(QPSK of DVB-S) 2 ~ 52.5 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) 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. 80Mbit/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, 1920 x 1080p(HDMI Only)
Audio Decoding	Dolby Digital, 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 Mbytes SDRAM : 256 MBytes EEPROM : 256 byte

* Audio / Video & Data IN/OUT

RCA	CVBS Video Output, Audio L, R Output
TV SCART	CVBS / Audio Output, RGB Output
HDMI	Video & Audio Output
OPTIC	AC-3 Dolby Digital (SPDIF)
RS-232C	9 pin D-SUB (Male) type, Transfer rate 115Kbps
USB	2 USB 2.0 Host Support (5V DC 500 mA max)
Ethernet	TX 10/100M Base

* Front Panel

Slot	2 Common interface & 1 Smart Card Slot
Display	7-Segment(4-Digit)
Buttons	3 Buttons(Standby, CH UP/DOWN)
Indicators	2LEDs(Standby, Remote)

* Power Supply

Input Voltage	AC 90 ~ 240V, 50/60Hz
Type	SMPS
Power Consumption	Max. 30W
Protection	Separate Internal Fuse & Lighting protection

* Physical Specification

Size (W x H x D)	260mm X 43mm X 180mm
Weight (Net)	1.1 Kg
Operating Temp.	0°C ~ +45°C
Storage Temp.	-10°C ~ +70°C



260mm X 43mm X 180mm (W x H x D)

