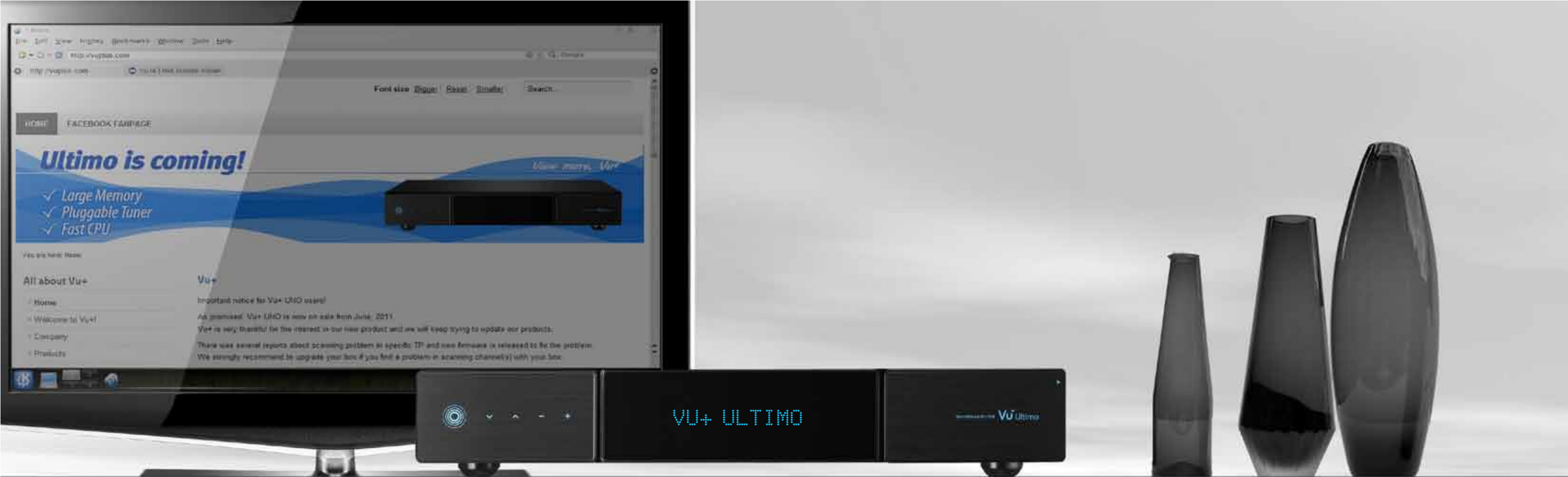


# Ultimo

The Ultimate HD Triple PVR





# The Ultimate HD Triple PVR, Vu+ Ultimo



# Design

Ultimo  
The Ultimate HD PVR



Ultimo's design represents its very concept of tripe pluggable tuner system. Its simplicity in style is beautifully amplified with the front touch keys and the large graphic display. While the touch keys allow the simplicity of Ultimo design, the advanced graphic display vividly and elegantly shows essential information on the current status of Ultimo.

## VFD Display Example

Standby



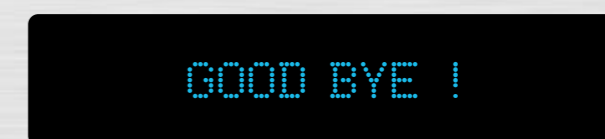
Loading...



Press Button



Turn-Off



Neo Minimalism DESIGN  
Large Graphic VFD  
Lighting Touch Panel

Bigger

Ordinary VFD

ULTIMO Graphic VFD

Better

Your Smart

Linux TV Player

Various

Ultimo adopts a large graphic VFD display with 256x64 pixels. The viewing area is 115 x 28.7mm and it is unarguably the largest display adopted in set top box. Ultimo's large graphic VFD produces visually crisp information display.

# Triple Pluggable Tuners



## Advanced Pluggable Tuner System

Vu+ advanced pluggable tuner system has been proved through **UNO** launched in June 2011. Customers of Vu+ are now big fan of Vu+ pluggable tuner system for its performance and easiness of operation. Now with DVB-C/T and DVB-S2 tuners simultaneously mountable at **Ultimo**, any DVB signals are easily accessible anywhere in the world. Furthermore, **Vu+ Blind Scan** is designed to save troubles of complicated installation set-up procedures. **Vu+'s Triple Pluggable System** is the very example demonstrating the philosophy of Vu+ pursuing the easiness of usability with state of art technologies.

### Triple Tuner Combination System

1. DVB-S2 + DVB-S2 + DVB-S2



2. DVB-S2 + DVB-S2 + DVB-C/T



3. DVB-S2 + DVB-C/T + DVB-C/T



### Tuner



**DVB-S2 Tuner**  
Modul  
for Ultimo/Uno



**DVB-C/T Hybrid Tuner**  
for Ultimo/Uno

# ECO RCU

**Ultimo** RCU, named as ECO, is the latest development of Vu+. Its key layout has been reconfigured by Vu+ to fit the current system of Vu+ models so that Vu+ customers find it just as easy to use. ECO is a universal RCU via which users can control **Ultimo** and TV. What's more, the double sided design of ECO allows the seamless integration of QWERTY type keyboard. The compact and ergonomic design makes typing on TV easier than ever.

**Ultimo** and ECO are an ideal match for texting and browsing.



## Wi-Fi 802.11 USB dongle

**Ultimo** comes with a very compact Wi-Fi USB dongle supporting up to 300Mbps high transfer data rate. With this Wi-Fi dongle you can easily connect to wireless network and enhance multimedia applications of **Ultimo**. Vu+ Wi-Fi USB dongle boasts the following features.

- IEEE 802.11 b/g/n
- Up to 300 Mbps high transfer data rate
- Windows XP, Vista, Windows 7
- S/W AP function
- WPS (Wi-Fi protected set-up) h/w button for easy connection
- Extremely small size – 50% smaller than common Wi-Fi dongle

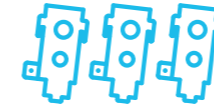
# Major Features

## Large Graphic Type VFD Display



Ultimo adopts a large graphic VFD display with 256x64 pixels. The viewing area is 115 x 28.7mm and it is unarguably the largest display adopted in set top box. Ultimo's large front display is beautiful in design and visually crisp.

## Triple Pluggable Tuner System



Ultimo can integrate up to three tuners at the same time. Vu+ provides the same type of DVB-S2 and DVB-C/T tuner for Uno and Ultimo. With Vu+ advanced pluggable tuner system, you can connect up to three DVB-S2 or dual DVB-S2 tuners and single DVB-C/T tuner. Any tuner combinations are now possible with Ultimo.

## Advanced Blind Scan



Ultimo supports an advanced Blind Scan function making channel scan a trouble-free process. No more channel configurations are required with Vu+ Blind Scan

## Wi-Fi dongle



A very compact USB Wi-Fi dongle is provided as a basic accessory of Ultimo. Ultimo users can easily set up wireless network connection with this advanced dongle supporting IEEE802.11 b/g/n and up to 300m bps data transfer rate.

## Home Network with other Vu+ models



The comprehensive S/W and H/W features of Ultimo makes it easier for Vu+ user to build a home network with other Vu+ models.

## Vu+ APP for iPad & iPhone



Vu+ has developed its own iPad (&iPhone) APP. With this APP, Vu+ users play multimedia content as well as play live streaming from Ultimo and other Vu+ models.

## Qwerty/Universal RCU



Until now typing with RCU has been a very awkward job. Vu+ has developed a double sided RCU, named as ECO. One side works as a universal RCU and the other is a comprehensive QWERTY keyboard. Vu+ ECO is an easy to use and ergonomically designed RCU.

## Multimedia Player



Like all Vu+ models, Ultimo also supports all major media formats making sure that Vu+ users can enjoy media content using Vu+ products.

## Multiple Recording – up to 8 REC simultaneously



Now with triple tuners integrated, Ultimo users can record up eight channels in different TPs at the same time.

## Temperature Sensor Based Automatic FAN Speed Control.



Ultimo's FAN speed is automatically adjusted according to the internal temperature detected by the advanced temperature sensor technology of Vu+.

# Technical Specifications

Front Panel	Smart Card slot	2
	Common Interface	2
	USB 2.0	1
	Key	5 buttons (Standby, Vol +/-, Ch+/-)
	Display	Graphic type Large VFD (256x64) pixels
Rear Panel	Tuner	3 x pluggable single tuner (DVB-S2/C/T)
	Connection TV	1 X SCART socket
	Video output (composite)	1 X Cinch-socket
	Video output (component)	YPbPr
	Video/Audio output ( digital)	1 x HDMI
	Audio output ( analogue )	2 x Cinch socket
	Audio output ( digital )	Standard optical ( SPDIF )
	USB 2.0	2
	Ethernet	1
	RS 232	1
	FAN	Automatic FAN control
	e-SATA	1
	Power	Main range
Power consumption ( Max./typ. Operation/Stand-by )		60 /25 /1W
RF	RF range	47-864 MHz
	FEC, de-multiplexer	DVB-S2 / DVB-C / DVB-T standard
Video	Video Resolution	CCIR 601 ( 720 X 576 lines ), 576p, 720p, 1080i
	Video decoding	MPEG-2, MPEG-4 compatible
	Input data rate	2-45 Msymb/s
	S/N	> 53dB
Audio	Decoding	AC3, MPEG-4 ( AAC-HE ), MPEG-1, Layer 1, 2 and 3
	Sampling rate	32 / 4.1 / 48KHz
	S/N	> 65 dB
LNB	LNB supply (horiz./vert. )	14/18; Max. 400 V/mA
	Control signal	22KHz ; ToneBurst ; DiSEqC 1.0/1.1/1.2 ; USAL
General	Dimensions ( W X H x D )	380 x 60 x 290mm
	Weight	3.0 kgs
	Remote	Universal Remote / QWERTY Keyboard

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