

# P.VU2600 DVR Set-top box



**P.VU2000 Series set-top box offers new generation chipsets for higher performances and HD decoding. Its compact and modular design along with its extremely low power consumption makes it the most versatile solution for IPTV networks.**

Pirelli P.VU2000 Series is an integrated high definition set-top box family with advanced chip technology designed to receive and decode various streaming media formats, standard and high definition H.264, legacy coding such as MPEG-1 and MPEG-2.

P.VU2000 STB will help you provide innovative services thanks to its newest versatile System On a Chip (SoC) architecture.

Its versatile and modular design allow a great variety of options from interactive Digital Terrestrial Television (DVB-T option) to video optimal wireless connectivity (WiFi 802.11n module) or pause live Tv (solid state drive module).

P.VU2000 STB can be connected to a USB 2.0 pen drive for multimedia content playback. Its middleware enables assorted trick play, local video recording, recorded-services playback, and pause Live TV as well as time-shift recording.

- **New SoC, higher performances**
- **H.264 High Definition decoding**
- **2.5" HDD for PVR services**
- **Slim and compact design**
- **Extra-low consumption**
- **High modularity**
- **Multimedia A/V optimized**
- **WiFi 802.11n module**
- **Multi CA/DRM**

Environmental sustainability has been one of our top priorities during P.VU2000 designing. Therefore P.VU2000 complies to latest Code of Conduct for Digital TV Systems for Digital TV Service Systems, thanks to segmented functional areas and dedicated power switches which can individually shut down unused services (passive / active stand by). We know how important content protection is to our customers. With Digital Right Management (DRM) and multiple Conditional Access (CA) support, content is always protected.

Based on Pirelli's expertise in CPE remote management, the P.VU2000 offers an advanced Assurance and Performance Monitoring data model, which allows Operators to remotely troubleshoot Quality of Service issues via TR-069 compliant Management Systems such as the Pirelli Management Platform (PMP).

# P.VU2600

## DVR set-top box

### MAIN FEATURES



Rear view

### Personal Video Recording

SATA 2.5" HDD from 160GB, fanless and silenced (80GB,250GB optionally available)

Live and Scheduled recording, Timeshift, PauseTV

### LEDs

One Green/Red/Yellow/Off LED integrated in the power-on/stand-by button

Two Red programmable LEDs for IR and SERVICE

### Power Adapter

220-240V (+-10%) @ 50Hz (+-5%) to 12Vdc  
18 W for the European market

1 10-240V (+-10%) @ 50/60Hz (+-5%) to 12Vdc  
18W for the Latin American market

### Environmental Specifications

Temperature:

- Operating: 0 to 50 °C
- Non Operating: -20 to 60 °C

Relative Humidity:

- Operating: 5% to 95% noncondensing
- Non Operating:5% to 95% noncondensing

### Agency Approvals and Certifications

CE mark  
RoHS  
WEEE

### Physical Specifications

Dimensions: 250x190x47 mm  
Weight: 1 kg

### Standard Package Content

Carton gift box (white or full colored)  
Remote Control and batteries  
Power supply and power cable  
Ethernet cable  
SCART cable  
HDMI cable  
Quick Installation Guide  
Manual

<b>System</b>	Operating system: Linux 2.6.x (Windows <a href="#">CE.net</a> option) System On Chip: Main 500MHz CPU is a MIPS 24Kf 32-bit processor and Dedicated audio/video HW accelerators are embedded in the SoC Memory: from 128MB to 512MB system/video DDR2 RAM, from 2MB to 256MB NAND flash
<b>Digital interfaces</b>	1x RJ45, Ethernet 10/100 BaseT, auto sensing, full duplex IR sensor for remote control/keyboard [on the front panel] Sub carrier 56 KHz. 2x USB2.0 type A master interface (one on the Front, one on the Rear)
<b>Video Out</b>	1x SCART connector (RGB, CVBS, Analog L/R) with Macrovision content protection for the European market (*) 1x S-video mini-DIN connector and 1x RCA CVBS analog composite for the Latin American market 1x HDMI / HDCP 1.3 type A (interface for HDTV)
<b>Audio Out</b>	1x S/PDIF (Sony/Philips Digital Interface) digital sound optical connector 2x Stereo output on RCA connectors
<b>Main Audio/Video codecs</b>	MPEG-2 and H.264 video codecs up to 1080p@24fps Window Media Video and Audio MPEG-1 Layer 3 and MPEG-2 AAC-HE audio support Dolby Digital and Dolby Digital Plus support up to 7.1 channels
<b>HW Options</b>	Wi-Fi 802.11n embedded with internal antennas 7x capacitive buttons VFD display 14 segments, 6 chars SATA NAND flash storage module up to 8GB for PauseTV
<b>Middleware Options</b>	Pirelli OpenSet™ SDK to let Operators develop advanced and customized services Alcatel-Lucent OMP/OMC and MiViewTV Microsoft Mediaroom Ericsson IAP
<b>Conditional Access</b>	NDS Verimatix Securemedia
<b>Other services</b>	Remote management through DSL Forum TR-069 Web browser supporting the latest Internet technologies (HTML/JS, AJAX, Flash, etc.) – Opera Software Media sharing application supporting UPnP and DLNA technologies Forward Error Correction to extend video service reach Games (Accedo Broadband and G-Cluster gaming clients) Trick play and RTSP support VoD server support for Kasenna and Anevia Support for social networking and chat client

(\*) Dual SCART available upon request

