

## Pro:Centric® SMART Set Top Box with ULTRA HD

STB-5500 adds interactive multimedia capability on your basic commercial TVs. With the STB-5500, Ultra High Definition (UHD) video decoding and output resolution is now available, and further hardware such as DOCSIS 3.0 cable modem card can be upgraded and expanded. Since the STB-5500 supports smart IPTV functions, you can enjoy full capability of Pro:Centric® SMART solution.



### STB-5500

- Pro:Centric® SMART IPTV Platform
- IP Streaming and RF Tuning
- ULTRA HD Channel Support
- Pro:Centric® Application Support for non-Pro:Centric TVs
- External Module Expansion Ready (DOCSIS 3.0 Modem Option Available)
- Embedded Pro:Idiom® decryption

## Key Features

### Smart Content Customization

Create your own solution along with LG's smart customization tools and content management software. With the tailored solution, hotel can elevate their brand to new levels.

#### Features

- Pro:Centric Smart SDK (HTML5, Java, Flash)
- Pre-loaded Apps

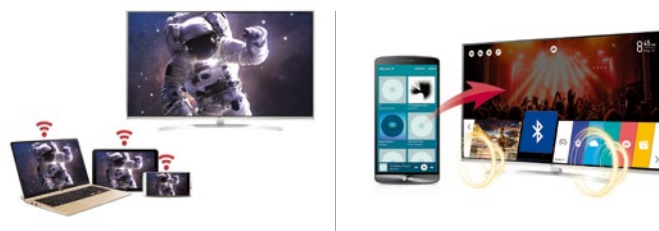


### Smart Connectivity

Cross display boundaries freely and without hassle. With LG Smart Share, mirroring and content sharing between TV and other smart devices are made incredibly easy and user-friendly.

#### Features

- Smart Share, Screen Share -WiFi Direct, Miracast, WiDi
- Bluetooth Sound Sync.



### Support ULTRA HD

The STB-5500 supports ULTRA HD video decoding and output resolution, and automatically upgrades Full HD content to ULTRA HD. With this, you can deliver clear messages and add animation on the content.



### SoftAP

SoftAP means Software enabled Access Point. This "Virtual" Wi-Fi feature executes by software working on the device to create a wireless hotspot.



- \* SoftAP should be set in installation menu after TV is on.
- \* Screen Share may not be operated at the same time.

### External Module Expansion Ready

STB-5500 is designed for additional external module expansion. This reduces the needs of cables and connectors making easier installation and management.

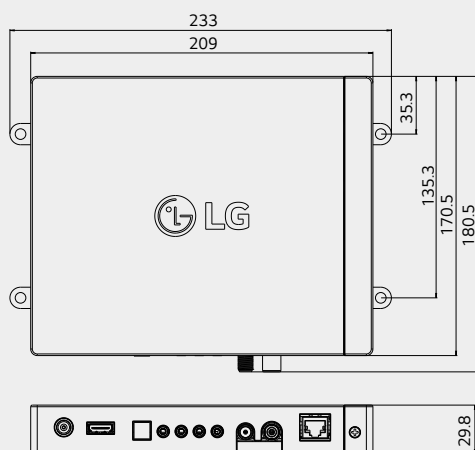


# Specifications

STB-5500

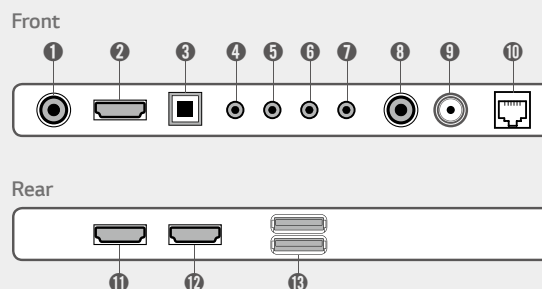
<b>BROADCASTING SYSTEM</b>	Analog	PAL / SECAM	
	Digital	DVB-T2/C/S2	
<b>VIDEO</b>	XD Engine	•	
	Real Cinema 24p (3:3 Pull down)	•	
	Output Resolution	HD (1,280x720) / 1,366 x 768 / FHD (1,920 x 1,080) / UHD (3,840 x 2,160)	
<b>AUDIO</b>	Optical Sound Sync	• (SPDIF)	
	Type	Smart	
	Data Streaming (IP&RF)	•	
	Pro.Centric® Pro.Centric Application	PCA 3.7	
	Tuner	1 Tuner	
	HCAP (SDK)	GEM / Flash / HTML5	
	Smart Features	Commercial Smart Home, Web Browser, softAP, Magic Remote (Ready)	
	Connectivity	Smart Share, Screen Share, Bluetooth Sound Sync	
	DRM (Digital Right Management)	Pro:Idiom	
	Management	Remote Diagnostics, EzManager (for initial configuration)	
<b>GENERAL FEATURES</b>	Interactivity	HTNG / HDMI-CEC	
	RJP Interface	RS232C, HDMI	
	Advanced Setting Option	Auto Off / Auto Sleep, Motion Eye Care, Smart Energy Saving	
	<b>HOSPITALITY FEATURES</b>	Hotel Mode, Lock Mode, IR Out, USB Cloning, One Channel Map, Multi IR Code, Welcome Screen, Instant On, TV Link Interactive, SNMP, webRTC Ready	
	<b>INTERFACE</b>	Upper Side	HDMI (2), USB (2)
		Lower Side	Power, RF In (2), Display Control (4 Pin Phone Jack), External IR, AV In, Service, Digital Optical Out, LAN Port, HDMI Out
	<b>ACCESSORY</b>	Adapter, Cable (HDMI, RS-232C to Phone cable, AV gender), Simple Book	
	<b>DIMENSION (Unit :mm)</b>	W x H x D / weight (set)	233 x 29.8 x 180.5 / 0.76kg
W x H x D / weight (Packing)		366 x 218 x 143 / 1.89kg	
<b>POWER (Unit : Watts)</b>	Voltage, Hz	100~240V, 50 / 60 Hz	
	Typical	5.3	
	Stand-by	0.3 ↓	
<b>STANDARD APPROVAL</b>	Safety	CB	
	Environment	CE	
	Etc.	ROHS	

## Dimensions (Unit : mm)



## Connectivity

- 1 POWER
- 2 HDMI OUT
- 3 OPTICAL DIGITAL AUDIO OUT
- 4 SERVICE
- 5 AV IN
- 6 IR IN
- 7 DISPLAY CONTROL
- 8 LNB Satellite IN
- 9 ANTENNA / CABLE IN
- 10 LAN
- 11 HDMI IN 1
- 12 HDMI IN 2
- 13 USB IN 1, USB IN 2



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All screen images are simulated. Dimension and weights are approximate.

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