preliminary

webOS, Pro:Centric SMART
Slim Direct LED IPTV
Single Tuner with
Integrated Pro:Idiom®

▶ **55LY760H**
55" class (54.64" diagonal)

▶ **47LY760H**
47" class (46.96" diagonal)

▶ **42LY760H**
42" class (41.92" diagonal)

▶ **39LY760H**
39" class (39.0" diagonal)

Pro:Centric SMART

LG's Pro:Centric Smart with webOS enabled TVs feature an all-in-one hardware and software platform that allows hoteliers to customize the property's TVs with IP-based programs. LG's launcher based Pro:Centric Smart allows hotels to customize their own Smart Home by selecting and ordering apps.

The finest and smartest mode of control for Hotel TVs is LG Pro:Centric® Smart technology. With all the built-in customizable tools including IP-based programs such as HTML5, Java and Flash, comes the ability to provide premium hotel services without the need for a set-top box. Additionally, enhanced connectivity and display sharing are available to guests.

webOS

The revolutionary UX of webOS is simple, but powerful. It offers incredible user experiences with intuitive user interface and fast response times.

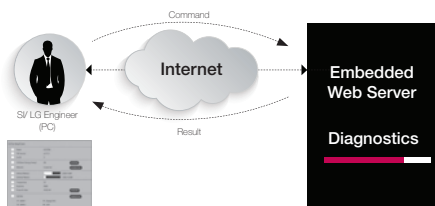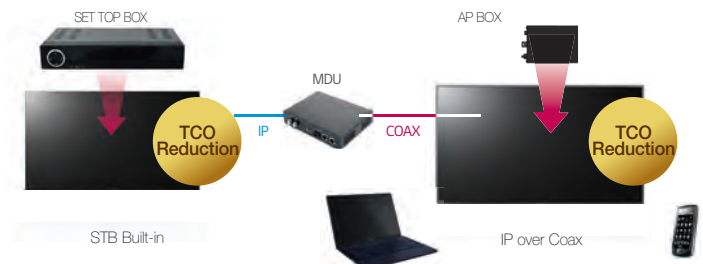Customizable UI HTML5 | Java | Flash

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SIMPLE SWITCHING BETWEEN CONTENT

webOS allows quick and simple switching between different forms of content such as Broadcast TV, Smart Applications, Smart Share and Web Browsers. It also will remember the history of previously watched content.

Enjoy and share content stored on your laptop, digital cameras, smartphones and other devices to the TV seamlessly with Smart Share and WiDi.

History ◀——— **Main Function** ———▶ Entertainment

smart Share

WiFi DIRECT

SIMPLE MANAGEMENT

webOS provides remote diagnosis and signal monitoring via an embedded web server, enabling Partners and LG engineers to check the TV or signal easily.

COST SAVINGS

Save big on the expense of managing the Hotel TVs with LG's unique STB integrated solution IP over Coax.

Command

Internet

SI/ LG Engineer (PC)

Result

Embedded Web Server

Diagnostics

SET TOP BOX

AP BOX

MDU

TCO Reduction

IP

COAX

TCO Reduction

STB Built-in

IP over Coax

LG
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Pro:Idiom®

GLOBAL LEADING DIGITAL RIGHTS MANAGEMENT SOLUTION

Pro:Idiom unlocks access to premium content to help assure rapid and broad deployment of HDTV and other high value digital content.

Pro:Idiom has been designed specifically for users of premium HDTV content from cable, satellite, or video on demand (VOD) services, and is intended to lower costs and reduce maintenance. This leading DRM system is embraced for its security solution, prevents illegal copying of copyrighted content.

REDUCED TOTAL COST OF OWNERSHIP

Using LG's optional Pro:Centric server, you can remotely manage cloning and channel mapping for TVs in guest rooms without having to visit each room.

Express Script's auto configuration function makes installation quick and easy. EzManager guides the installer to set up the TV with simple steps without having to set up the menu manually, saving time and cost.

EFFECTIVELY MANAGE IN-ROOM TVs

The USB Cloning feature allows you to simply copy the TV settings onto all TVs using a USB stick, a process that is fully automated to save time without having to set each TV one-by-one.

FREE INTERACTIVE ELECTRONIC PROGRAM GUIDE SERVICE FOR Pro:Centric® TVs!

PLAN HIGHLIGHTS

If your property has purchased or plans to purchase LG's Pro:Centric TVs, you qualify for a free Electronic Program Guide (EPG) that allows guests to easily navigate TV channels and programs - just like they do at home.

Participating properties must purchase and install a Pro:Centric server and supply an internet connection for daily program updates. Properties must also contract with an LG authorized partner to install and program the server to match your Free-to-Guest (FTG)

FREE program guide service runs until December 2017, replacing the current programming fee of $1.50 per room per month.

Contact your LG sales representative or visit LG.com/us/commercial/display-discover/epg/index.jsp

Pro:Centric APPLICATIONS PLATFORM

The LY760H is the latest in the line of Pro:Centric Televisions that provide an unique and dedicated hotel data broadcasting platform for hosting of LG's SIs (System Integrator's) interactive applications, enabling delivery for a wide range of custom applications tailored to both hotel management and guest needs.

The LY760H extends the choice of applications available to hoteliers through the introduction of HTML5 support in addition to the current Adobe Flash-Lite and Java support. The LY760H is also a full IPTV platform with built-in IP video decoding supporting both IP and RF connectivity. Leveraging the Pro:Centric IPTV platform has built-in STB (Set Top Box) client software in the TV, eliminating the need for additional STB hardware.

The LY760H supports embedded Wi-Fi for streaming content to the Television or back channel communications.

The LY760H platform includes support tools for the SIs to manage systems such as remote logging enabling monitoring of the TV's on the network by the head-end or cloud based server for maintenance and admin purposes. The instant ON/WARM mode feature allows the TV to communicate in a background mode while the TV is powered off and without disruption to the guest, providing the ability to deliver remote software updates from the head-end server and quick boot-up of embedded applications.

The LY760H Pro:Centric Applications Platform

Main Welcome Portal

Channel Guide
Simple Channel List: Select the broadcast logo to watch your selected TV program

Remote Help
Learn how to use the Remote controller with easily accessible menu on TV

Language
Access the system in multiple languages for international guest service from various nations.

LG'S FREE-TO-GUEST COST EFFECTIVE SOLUTION

When using LG televisions in Free-To-Guest hotel installations, the Pro:Centric server (PCS-200R) supports remote management of TV settings such as virtual channel mapping, cloning of installer menu settings, and other settings:

Save time and labor using LG's PCS200R remote management option which eliminates the necessity of visiting individual rooms to change television settings.

Hotel Costs For Free-To-Guest Channel Management

	Estimated Labor Costs	MSRP	Total	Savings over other brand
Other brand	$20 (est.) x 2 times per year (to update channels) x 100 rooms x 5 years		$20,000	
LG Pro:Idiom TV with Pro:Centric Server		$2,499 (PCS-200R)	$2,499	$17,501

MSRP subject to change. Installation not included.
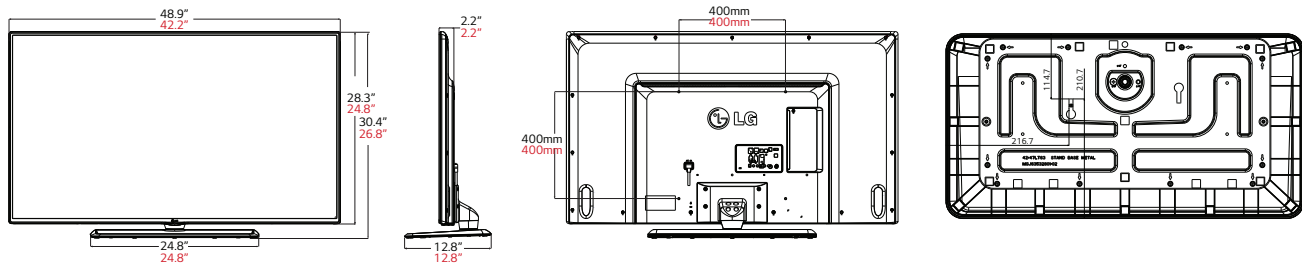
PCS-200R
HEAD-END SYSTEM

Remote management functions are also supported via the Pro:Centric server. The Pro:Centric Application software can be remotely added at a later date to deliver the benefits of LG's Applications features (Weather, EPG, Billboards...)

LG is committed to improving product development, manufacturing and usage to meet the demand for products with environmentally friendlier features. Our televisions have technologies to reduce power consumption and in return increase cost savings per room.
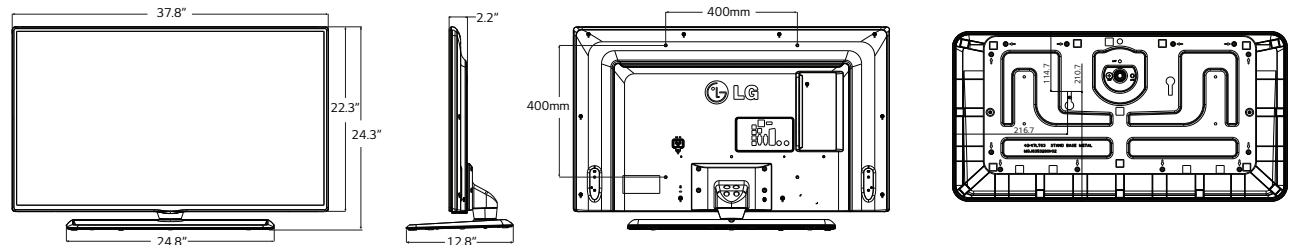
SMART TECHNOLOGY

- **Intelligent Sensor** - Continually monitors room light conditions to automatically optimize the picture quality for a more enjoyable viewing experience, which can help save energy.
- Dynamic Power Savings - Using built-in algorithms, TV will automatically reduce the power consumption based on incoming video, while maximizing picture performance.
- Static Power Savings - Picture brightness level can be set at the preferred power consumption level to reduce power and increase energy savings.
- **CEC Compliant** - Meets the Appliance Efficiency Regulations of the California Energy Commission.
- **RoHS Compliant** - Meets directive on restriction of hazardous substances.
- **Energy Star 6.1 Qualified** - Meets current Environmental Protection Agency's television product specifications.
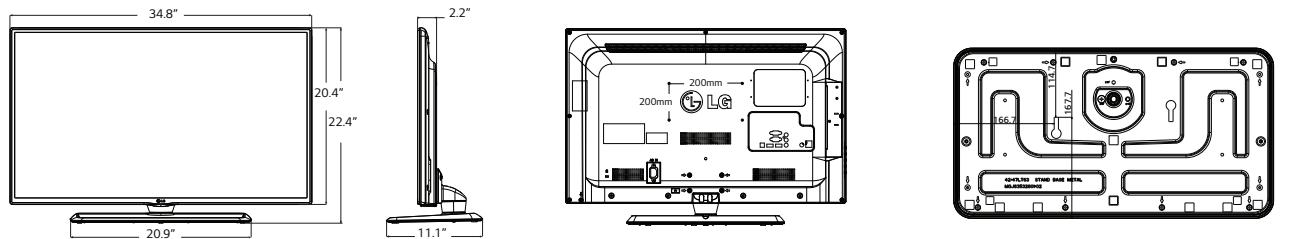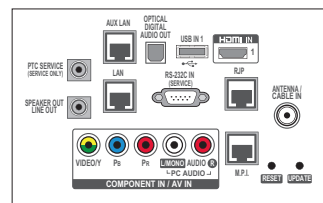
55LY760H/47LY760H

42LY760H

39LY760H

REAR JACK PANEL

SIDE JACK PANEL

Anti-Theft System

The Anti-theft system provides security to prevent TVs theft. Consisting of a Kensington Lock, a Credenza and Lock Down Plate.

Kensington Lock
- LG Hotel TVs are protected by the reliable solution the Kensington Lock.

NEW! Reinforced Metal Stand
- Full metal reinforced stand to improve sturdiness, durability and safety
- Provides (20°) Swivel out of the box
- Provides (20/45/90°) Swivel when used with Lock Down plate.

Lock Down Plate with Credenza Hole
- Lock the TV firmly to the TV stand for added security and help deter theft.
  (Mounting plate, security bolts, nuts and screws are included)

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HOSPITALITY

preliminary

PANEL	Model	55LY760H	47LY760H	42LY760H	39LY760H
	Panel Technology	Direct LED			
	Panel Size	55"Class(54.64")	47"Class(46.96")	42"Class(41.92")	39"Class(39.0")
	Native Resolution	1920 x 1080 (FHD)			
	Brightness (cd/m²)	258cd/m²	225cd/m²	242cd/m²	241cd/m²
	Dynamic Contrast Ratio (Dynamic MCI (Hz))	2,000,000:1			
	Static (Panel) Contrast Ratio	1,200:1			4,000:1
	Viewing Angle (HxV)	178°/178°			
	Response Time	8ms			9.5ms
	Frame Rate	60Hz			
VIDEO	Triple XD Engine	Yes			
	Dynamic Color Enhancer	Yes			
	Real Cinema 24p (3:3 pull down)	Yes			
	Aspect Ratio	Yes, 5 modes (16:9, Just Scan, Set By Program, 4:3, Zoom)			
BROADCASTING SYSTEM	Analog	Yes (NTSC)			
	Digital	Yes (ATSC /QAM/VSB)			
AUDIO	Audio Output	10W + 10W			
	Audio Output	2.0 ch			
	Sound Mode	Yes, 6 modes (Standard, News, Music, Cinema, Sport, Game)			
	Smart Sound Mode	Yes			
	Optical Sound Sync	Yes			
	Wireless Sound Sync	Ready			
	apt-X codec	Yes			
	Sound Expansion	Yes			
	Sound Optimizer	Yes, 3 modes (Off, Wall-Mount Type, Stand Type)			
	Clear Voice II	Yes			
SPECIAL FEATURES	Pro:Centric	Yes (Smart)			
	WebOS	Yes			
	HCAP (GEM/FLASH/HTML)	Yes			
	Commercial Smart Home	Yes			
	Applications (Pro:Centric Smart)	Yes			
	Web Browser	Yes			
	Smart Share	Yes			
	MHL	Yes			
	WiDi (PC to TV)	Yes			
	Miracast (Mobile to TV)	Yes			
	WiFi Direct	Yes			
	Remote Diagnosis	Yes			
	EzManager	Yes			
	HDMI-CEC	Yes			
	HTNG-CEC	Yes			
	Built-In WiFi	Yes			
	DRM	Yes (Pro:Idiom)			
	Welcome Screen	Yes			
	Logical Channel Map	Yes			
	Multi IR Code	Yes			
	Installer Menu	Yes			
	USB Cloning	Yes			
	IR Out	Yes (MPI Jack/RS232)			
	External Speaker Out	Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 1W with 8Ω)			
	RJP Compatibility	Yes LG,Teleadapt (RJ45, HDMI CEC), G-Link(HDMI-CEC)			
	USB	Yes (USB 2.0)			
	Moving Picture Playback (SD/HD/Plus HD)	Divx HD			
	Picture	JPEG			

	Model	55LY760H	47LY760H	42LY760H	39LY760H
SPECIAL FEATURES (CONT)	Kensington Lock	Yes (Stand)			
	Credenza/Security Screw Hole	Yes			
	Lock Down Plate (for easy installing)	Yes			
	Commercial Grade Stand	Yes			
INTERFACE (Side)	HDMI In	2 Side			
	USB (2.0)	1 Side			
INTERFACE (Rear)	RF In	1 Rear			
	AV In	1 Rear			
	Digital Audio (Optical)	1 Rear			
	HDMI/HDCP Input	1 Rear			
	USB (2.0)	1 Rear			
	PC Audio Input	1 (Sharing with Composite Audio in)			
	RS-232 (D-sub 9 pin)	1 Rear (Service)			
	LAN Port	2 Rear			
	RJP Interface (RJ45)	1 Rear			
	External Speaker Out (3.5mm Phone Jack)	1 Rear			
	PTC Configuration (Phone Jack Type)	1 Rear (Service)			
	MPI Jack (RJ-12)	1 Rear			
CABINET	Bezel Width (L/R/U/B)(on)	11mm, 11mm, 16.5mm			10.5mm, 10.5mm, 16mm
	Bezel Width (L/R/U/B)(off)	8.5mm, 8.5mm, 14mm			9mm, 8.5mm, 14mm
	With Stand	48.9"x30.4"x12.8"	42.2"x26.8"x12.8"	37.8"x24.3"x12.8"	34.8"x22.5"x11.1"
	Weight	47.2 lbs	34.6 lbs	27.8 lbs	24.0 lbs
	Without Stand	48.9"x28.5"x2.2"	42.2"x24.8"x2.2"	37.8"x22.3"x2.2"	34.8"x20.6"x2.2"
	Weight	38.1 lbs	27.1 lbs	20.3 lbs	17.6 lbs
	Carton	52.4"x32.7"x7.5"	45.3"x28.7"x6.4"	41.7"x28.7"x6.4"	38.8"x24.0"x6.0"
	Weight	56.9 lbs	42.8 lbs	30.4 lbs	28.4 lbs
	Swivel	Yes (± 20°) with Lock Down plate (± 20°/45°/90°)			
	Color	Metallic Titan			
	Flame Retardent	Yes			
	VESA™ Standard Mount Interface	400mm x 400mm			200mm x 200mm
REQUIRED LISTINGS	Safety	cUL, UL, FCC, NOM			
	RoHS	Yes			
	Energy Star 6.1	Yes			
UPC		719192915893	719192915909	719192915916	719192915923
POWER	Power Source	110 ~ 240V, 50/60Hz			
	Watts (Typical)	68W	57W	56W	45W
	Stand-by	0.5W			
WARRANTY	2-Year Limited Warranty (Parts/Labor)				

REMOTE JACK PANEL COMPATIBILITY (RJP)

G-LINK   teleadapt Keeping Your World Connected™

COMPATIBLE INTERACTIVE SYSTEMS (SEPARATE SET-TOP BOX MAY BE REQUIRED)

SONIFI content+connectivity · Enseo · swisscom · Guesttek · LOCATEL
NEVOTEK · Quadriga · nStreams · m.com · ACUTEK · INDEPENDA
acentic · ROOMLINX · infovalue · tangerine · DirectStreams

LED · FULLHD 1080P · Pro:Centric · STB · ENERGY STAR · smart Share

External Speaker Out · Remote Jack Pack · IR OUT · Welcome Screen · MULTI · advanced HOTEL MODE · Remote Diagnosis · 2.1 Speaker System

USB CLONING · b-LAN · USB 2.0 · HDMI · HYBRID STREAMING (RJ45) · Pro:Idiom

ENERGY GUIDE

The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for model 55LY760H, 47LY760H, 42LY760H, and 39LY760H are $17, $12, $12, and $12.

"Your energy cost depends on your utility rates and use. The estimated cost is based on 11 cents per kWh and 5 hours of use per day. For more information, visit www.ftc.gov/energy."[1]

[1] FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 (Jan 6, 2011)).

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LGsolutions.com

All screen images are simulated. Dimensions and weights are approximate. Design, features and specifications subject to change without notice.

SPEC_LY760H_041410_g   Printed in the USA. December 2014   LED TV is LCD TV with LED backlighting