

Hospital Grade LED Edge-lit HDTV

Pro:Centric™ Single Tuner™ HDTV with HD-PPV Capability



42" class (42.0" measured diagonally)



Safe and Convenient for All Users

HOSPITAL SAFETY STANDARD COMPLIANT



UL listed Mark

CONVENIENT FOR PATIENTS AND HOSPITAL STAFF





Nurse Call System

Pillow Speaker

EASY MANAGEMENT







Pro:Centric® V

Quick Set-up Wizard

Self Diagnosis (USB)

Life's Good LGsolutions.com

Specifications

Designed Specifically for the Healthcare Industry

UL Hospital Grade Listed

New! Hospital Grade LED Edge-lit HDTV

Improved Dynamic Contrast Ratio (1,000,000:1)

Now Including 3 HDMI Inputs with HDCP

Native Display Resolution 1920 x 1080 (Full HD 1080p)

Energy Star® 6.0 Qualified

RoHS Compliant

California Energy Commission (CEC) Compliant

Built-In Pillow Speaker Port

Built-In MPI Port

TV Speaker Disable

Expanded Pillow Speaker CompatabilitySupports multiple codes (Zenith, Philips, RCA)

Express Script

Easy to Use, 8 Step Installer Menu Setup Wizard

LG'S Exclusive Pro:Centric Applications Platform

Supports Java™ and Adobe® Flash® Application (Pro:Centric Single Tuner)

NEW! Remote Management of Television Settings Using Pro:Centric SERVER (PCS150R)

Dynamic/Static Power Savings

Restriction of Hazardous Substances

HD VOD PPV Decryption and Interactive System Capability

Integrated Pro:Idiom®

MPEG-2 / MPEG-4 H.264 Decoding

Splash Image/Logo (On Startup)

Customized Welcome Screen

USB Cloning

On-site 2 Year Limited Warranty (parts and labor)

Pro:Idiam

Global Leading Digital Rights Management System

Pro:ldiom 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 thus designed to lower costs and reduce maintenance needs. This leading DRM system is embraced for its security solution, which 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 patient rooms without having to visit each room



EzManager'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 Patient 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.

Pro:Centric Applications Platform

Interactive Patient Room Experience

An industry leading Pay-Per-View (PPV) compatible television that also supports the Pro:Centric platform, LG's new 42LQ640H allows healthcare facilities to customize the patient room experience. Pro:Centric provides an easy way for the 42LQ640H to interface with interactive program guides, games and internet data feeds, as well as applications designed to connect patients to services such as dietary menus and patient room information.



* May require additional software and hardware to support third party partner interactive systems or LG's own Free-To-Guest Pro:Centric Application.

The 42LQ640H Pro:Centric Applications Platform





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LG's Free-To-Guest Cost Effective Solution

When using LG televisions in Free-To-Guest hospital installations there are now two options for remote management of TV settings such as virtual channel mapping, cloning of installer menu settings, and other settings:

1. LG's Pro:Centric server (PCS150R)

Both remote management options avoid having to visit rooms to change television settings, thereby saving labor charges to carry out this work.

Free-To-Guest Remote Management Devices

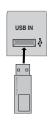


Remote management functions also supported via the Pro:Centric server. The Pro:Centric Application software can be remotely added at a later date to deliver the benefits of LG's Applications features (Weather, EPG, Billboards...)

Cloning Option

The 42LQ640H Healthcare TV has a convenient time and expense saver feature. A select number of Commercial menu items are cloning capable. This allows the cloning of a master TV to an infinite number of the same model target TV's. This can be easily accomplished by using a standard USB memory device. This time saving technique will allow the installers to program the preferred commercial settings from a master TV to all the required target televisions in a hospital facility in a matter of just a few minutes per TV.

Clone using a USB Memory Device



The Installer sets up a master TV with the preferred menu settings. A USB memory device is plugged into the master TV. Menu items are selected to "Learn From TV" and stored on the USB memory device. The USB stick is then plugged into a target TV. Menu items are selected to "Teach To TV". The USB device is then unplugged and is ready to engage with the next target TV.

Express Script

Express Script Installer Menu Wizard

The Express Script Installer Menu Wizard enables users to customize essential items for viewing the TV the first time it is turned on. This 8 step process is a convenient and easy way to provide the preferred settings recommended by the facility. The Express Script Installer Menu Wizard can also be activated from the commercial installer menu.



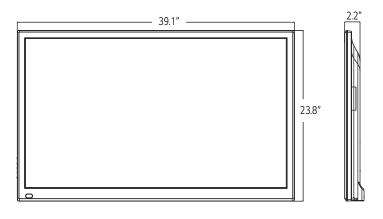


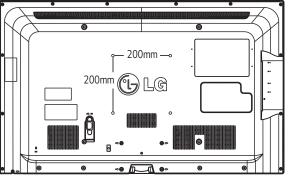
when it's green.

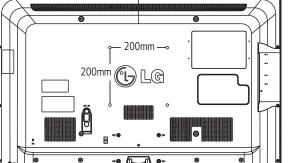
LG is committed to improving product development, manufacturing and usage to meet the demand for products with environmentally friendlier features. Our televisions have technologies to reduce power consumption and in return increase cost savings per room.

EcoSmart

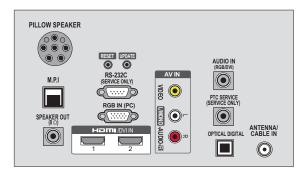
- Intelligent Sensor Continually monitors room light conditions to automatically optimize the picture quality for a more enjoyable viewing experience, which can help save energy.
- Dynamic Power Savings Using built-in algorithms, TV will automatically reduce the power consumption based on incoming video, 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
- RoHS Compliant Meets directive on restriction of hazardous substances.
- **Energy Star 6.0 Qualified** Meets current reduction requirements of energy consumption.







REAR JACK PANEL



OPTIONAL ACCESSORY REMOTES

INSTALLER REMOTE 124-213-07

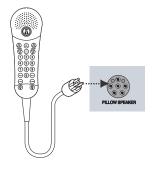


PATIENT BED 1/2 REMOTE

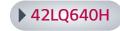


PILLOW SPEAKER ACCESS





Hospital Grade LED **Edge-lit HDTV**







Pro:Centric[™] Single Tuner[™] HDTV with HD-PPV Capability

Panel Size	PANEL	Model	42LQ640H
Ponel Technology Edge LED Native Resolution 1920 x 1080 (FHD) Brightness (Typ) 290 cd/m² 178° /178° 290 cd/m² 290	PAINEL	Panel Size	
Native Resolution 1920 x 1080 (FHD) Brightness (Typ) 290 cd/m² 2478 ° 2878 290 cd/m²			
Brightness (Typ) 290 cd/m² Dynamic CR 1,000,000 Viewing Angle [HxV] 178 * /178 * Response Time (G to G) 42 ms : 8 ms Frome Rate 60 Hz Analog Yes (NTSC) SYSTEM Digital Yes (ATSC / Clear GAM, VSB) VIDEO XD Engine Yes Z4p Real Ginema (24p.55/22 Rildown) Eye Care (Anti Dazzling) Yes Audio Output 10W + 10W Speaker System 1 Way 2 Speakers Infinite Sound Yes Infinite Sound Yes Infinite Sound Yes Infinite Sound Yes Pro: Centric Yes FEATURES Pro: Centric Yes FEATURES Pro: Centric Yes FEATURES Pro: Centric Yes (SEM, Flash) EzManager(Simplicity) Yes (Intuitive Menu) Simplink (HDMI-CEC) Yes (1.3) * for HTNG HTNG Yes Pro: It in the forecool PDM / Installer Menu Yes R Out (TV Link Tuner) Yes (MPI Jock) External Speaker Out Yes (Variable/Fixed/Line Out, 3, Emm. Stereo, Single ended Type (GRD, Hr. Hr.) W with 8Ω) USB Moving Picture Ruybook (SD/Ho/HasHD) Picture Audio Codec AC3 (Dolby Digital) , EAC3, AAC, Mpeg, MP3, PCM USB Cloning One Channel Map		0,	, and the second
Dynamic CR 1,000,000 178 °/178 ° 178		Brightness (Typ)	
Viewing Angle (HxV) Response Time (G to G) 42ms: 8ms		0 , ,, ,	·
Response Time (G to G)		,	
Frame Rate			
Digital Yes (ATSC / Clear QAM/VSB)			60Hz
VIDEO Video Ves (ATSC / Clear QAM/VSB)	BROADCASTING	Analog	Yes (NTSC)
24p Red Cinema (24p.55/22Ruldown) Yes		Digital	Yes (ATSC / Clear QAM/VSB)
24p Real Cinema (24p5:5/22 Ruldown) Eye Care (Anti Dazzling) Yes	VIDEO	-	Yes
Audio Output 10W + 10W			Yes
Speaker System		Eye Care (Anti Dazzling)	Yes
Speaker System	AUDIO	Audio Output	
Invisible Speaker Yes	7.02.0	Speaker System	1 Way 2 Speakers
Clear Voice II		Infinite Sound	Yes
Pro:Centric Yes		Invisible Speaker	Yes
RF(1/2Tuner)		Clear Voice II	Yes
HCAP (GEM/Flash/HTML) EzManager(Simplicity) Simplink (HDML-CEC) HTNG Yes Procidiom Yes SI Compatible (TVLink Protocol) PDM /Installer Menu IR Out (TV Link Tuner) External Speaker Out USB USB USB2.0 Moving Plature Playboock (SD/HD/HusHD) Picture Audio Codec USB Cloning One Channel Map/Logical Channel Map Logical Channel Map Multi IR Code Welcome Screen (Splath Image) Auto Off /Auto Sleep Video Mute Yes (Intuitive Menu) Yes (Intuitive Menu) Yes (MPI protocol)	SPECIAL	Pro:Centric	Yes
GEM/Flash/HTML Yes (GEM/Flash)	FEATURES	RF(1/2Tuner)	Yes (1 Tuner)
Simplink (HDMI-CEC) HTNG Yes Protidiom Yes SI Compatible (TVLink Protocol) PDM /Installer Menu IR Out (TV Link Tuner) External Speaker Out USB Moving Pature Playbook (SO/HD/PksHD) Picture Audio Codec USB Cloning One Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Multe Yes (1.3)*for HTNG Yes (MPI protocol) Yes (GRD,L+,R+), 1W with 802) USB2.0 Divx HD Divx HD Speaker Oive AC3(Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM Yes Ves Ves Ves Ves Ves Ves Ves Video Mute			Yes (GEM/Flash)
HTNG Yes Pro:Idiom Yes SI Compatible (TVink Protocol) PDM /Installer Menu Yes IR Out (TV Link Tuner) External Speaker Out USB USB USB2.0 Moving Pature Playback (SO/HD/PksHD) Picture Audio Codec USB Cloning One Channel Map/Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Yes (MPI protocol) Yes (GRD,L+,R+), 1W with 8Ω) USB2.0 Divx HD Divx HD Size AC3 (Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM Yes (USB Cloning Yes USB Cloning Yes Ves Velcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Yes		EzManager(Simplicity)	Yes (Intuitive Menu)
Pro:Idiom SI Compatible (TVLink Protocol) PDM /Installer Menu IR Out (TV Link Tuner) External Speaker Out USB USB USB2.0 Moving Picture Playboock (SD/HD/HusHD) Picture Audio Codec USB Cloning One Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splan) Ves (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GRD,L+,R+), 1W with 8Ω) USB2.0 Moving Picture Playboock (SD/HD/HusHD) Picture AC3(Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM Yes (USB Cloning One Channel Map/ Logical Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute		Simplink (HDMI-CEC)	Yes (1.3)*for HTNG
SI Compatible (TVLink Protocol) PDM /Installer Menu IR Out (TV Link Tuner) External Speaker Out USB USB USB2.0 Moving Rature Playboack (SD/HD/RusHD) Picture Audio Codec USB Cloning One Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Yes (MPI protocol) Yes (MPI protoco		HTNG	Yes
TVLink Protocol PDM / Installer Menu Yes IR Out (TV Link Tuner) Yes (MPI Jack) External Speaker Out Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GRD,L+,R+), TV with 8Ω) USB		Pro:Idiom	Yes
IR Out (TV Link Tuner) External Speaker Out USB USB2.0 Moving Pacture Playboack (SC)/HD/Pks HD) Picture Audio Codec USB Cloning One Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GRD,L+,R+), 1W with 8Ω) USB2.0 Divx HD Divx HD Single ended Type (GRD,L+,R+), 1W with 8Ω) USB2.0 Divx HD Single ended Type (GRD,L+,R+), 1W with 8Ω) USB2.0 Divx HD Single ended Type (GRD,L+,R+), 1W with 8Ω) Vise (SD,L-), 1W with 8Ω		SI Compatible (TVLink Protocol)	Yes (MPI protocol)
External Speaker Out Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GRD,L+,R+), 1W with 8Ω) USB USB2.0 Moving Richtre Playboock (SD/HD/HusHD) Picture JPEG Audio Codec USB Cloning One Channel Map/ Logical Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Yes (Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type (GRD,L+,R+), 1W with 8Ω) IUSB2.0 Divx HD JPEG AC3(Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM Yes (LCM) Yes Ves Ves Ves Video Mute		PDM /Installer Menu	Yes
USB USB2.0 Moving Richare Playback (SC/HD/Mb.HD) Picture JPEG Audio Codec AC3(Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM USB Cloning Yes One Channel Map/ Logical Channel Map Multi IR Code Yes Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Yes		IR Out (TV Link Tuner)	Yes (MPI Jack)
Moving Picture Playback (SD/HD/HusHD) Picture JPEG Audio Codec AC3(Dollby Digital), EAC3, AAC, Mpeg, MP3, PCM USB Cloning One Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Divx HD Ves AC3(Dollby Digital), EAC3, AAC, Mpeg, MP3, PCM Yes (LCM) Yes (LCM) Yes Ves Ves Ves Ves Ves Ves Ves Video Mute Yes		External Speaker Out	
(SD/HD/Plus HD) Picture JPEG Audio Codec USB Cloning One Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off /Auto Sleep Video Mute Vist ID JPEG AC3 (Dollby Digital), EAC3, AAC, Mpeg, MP3, PCM Yes (LCM) Yes Ves Ves Yes Ves Ves Ves Ves		USB	USB2.0
Audio Codec USB Cloning Ves Cne Channel Map/ Logical Channel Map Multi IR Code Welcome Screen (Splash Image) Auto Off/Auto Sleep Video Multe Vas (ICM) Yes Video Multe Ves Video Multe Ves Video Multe Ves Video Multe Ves			Divx HD
USB Cloning Yes One Channel Map/ Logical Channel Map Yes (LCM) Multi IR Code Yes Welcome Screen (Splash Image) Yes Auto Off /Auto Sleep Yes Video Mute Yes		Picture	JPEG
One Channel Map/ Logical Channel Map Yes (ILCM) Multi IR Code Yes Welcome Screen (Splash Image) Yes Auto Off/Auto Sleep Yes Video Mute Yes		Audio Codec	AC3(Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM
Logical Channel Map Tes (LOW)		USB Cloning	Yes
Welcome Screen (Splash Image) Yes Auto Off / Auto Sleep Yes Video Mute Yes			Yes (LCM)
(Splash Image) Auto Off / Auto Sleep Video Mute Yes			Yes
Video Mute Yes		(Splash Image)	
		Video Mute	The state of the s
Smart Energy Saving Yes		Smart Energy Saving	Yes

FEATURES (Cont.) Pillow Speaker Yes		Model	42LQ640H
Interface HDMI In 3 (2 Rear, 1 Side) USB (2.0)		Kensington Lock	Yes
USB (2.0) 1 Side (MP3/JPEC/HD Divx)		Pillow Speaker	Yes
USB (2.0) 1 Side (MP3/JPEG/HD Divx)		HDMI In	3 (2 Rear, 1 Side)
AV In 1 Rear Digital Audio Out Coaxial / Optical RGB In (Desired) Rear Rear		USB (2.0)	1 Side (MP3/JPEG/HD Divx)
Digital Audio Out [Cooxial / Optical] RGB In [Disub 1 Rear 1		RF In	1 Rear
Coaxial / Optical RGB In Ipsub 1 Rear 1 Rear		AV In	1 Rear
PC Audio Input Rear Rear			1 (Optical)
RS-232C		RGB In (D-sub 15pin) - PC	1 Rear
External Speaker Out		PC Audio Input	1 Rear
Pillow Speaker Jack 1 (6 pin)		RS-232C	1 Rear (Service Only)
MPI Jack			1 Rear (3.5mm phone jack)
CABINET Without Stand 39.1"x23.8"x22"(WxDxH) Weight 29.8 lbs Carton 46.5"x29.3" x5.4" (WxDxH) Weight 37.3 lbs Color Black with Hairline finish VESA!** Standard Mount Interface 200mm x 200mm Flame Retardant Yes (Back Cover only) REQUIRED LISTINGS Neb ROHS Yes Energy Star 6.0 Yes UPC 7 19192 90426 2 POWER Power Source 1200, 60Hz Watts (Typical) 66W Stand-by 0.5W↓ UNCLUDED ACCESSORY Power cable (1.8M,Wall angle, Inlet straight) OPTIONAL ACCESSORIES Installer Remote 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)		Pillow Speaker Jack	1 (6 pin)
Weight 29.8 lbs		MPI Jack	1 Rear
Weight	CABINET	Without Stand	39.1"×23.8"×2.2"(W×D×H)
Weight 37.3 lbs	G/15	Weight	29.8 lbs
Color Black with Hairline finish		Carton	46.5" x 29.3" x 5.4" (W x D x H)
VESA™ Standard 200mm x 200mm		Weight	37.3 lbs
Mount Interface ZOUmm x 200mm		Color	Black with Hairline finish
REQUIRED LISTINGS			200mm x 200mm
RoHS Yes		Flame Retardant	Yes (Back Cover only)
Energy Star 6.0 Yes		Safety	cUL, UL, FCC, NOM
UPC 7 19192 90426 2 POWER Power Source 120V, 60Hz Watts (Typical) 66W Stand-by 0.5W↓ WARRANTY On-site 2 Year Limited Warranty (parts and labor) INCLUDED ACCESSORY Power cable (1.8M,Wall angle, Inlet straight) OPTIONAL ACCESSORIES 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)		RoHS	Yes
POWER		Energy Star 6.0	Yes
Watts (Typical) Stand-by On-site 2 Year Limited Warranty (parts and labor) INCLUDED ACCESSORY OPTIONAL ACCESSORIES Installer Remote 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)	UPC		7 19192 90426 2
Stand-by On-site 2 Year Limited Warranty (parts and labor) INCLUDED ACCESSORY OPTIONAL ACCESSORIES Installer Remote 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)	POWER	Power Source	120V, 60Hz
WARRANTY On-site 2 Year Limited Warranty (parts and labor) INCLUDED ACCESSORY Power cable (1.8M,Wall angle, Inlet straight) OPTIONAL ACCESSORIES Installer Remote 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)		Watts (Typical)	66W
INCLUDED ACCESSORY Power cable (1.8M,Wall angle, Inlet straight) OPTIONAL ACCESSORIES Installer Remote 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)		Stand-by	0.5W↓
OPTIONAL ACCESSORIES Installer Remote 124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)	WARRANTY		On-site 2 Year Limited Warranty (parts and labor)
ACCESSORIES			Power cable (1.8M,Wall angle, Inlet straight)
		Installer Remote	124-213-07 (Bed 1/Bed 2, TV menu & navigation buttons)
		Patient Remote	124-213-08 (Bed 1/Bed 2)



The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for model 421Q640H is \$13.

"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." $^{\rm 1}$

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







Customer Service: 888.865.3026 www.LGsolutions.com/support

Contact your LG Regional Sales Representative Healthcare/Long-Term Care: 877.793.6484 E-mail: info@LGsolutions.com

SPEC_42LQ640H_091309_PR



Pro:Gentric Pro:Idiom ROHS NOTE









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