



# HW300Y

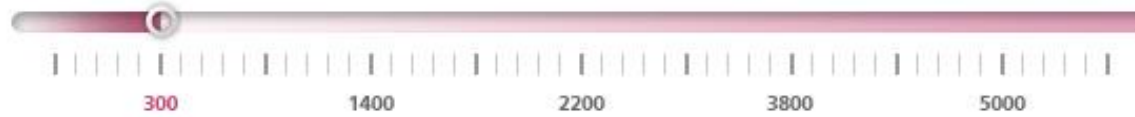
ULTRA PORTABLE SMART PROJECTOR

# OVERVIEW

## RESOLUTION



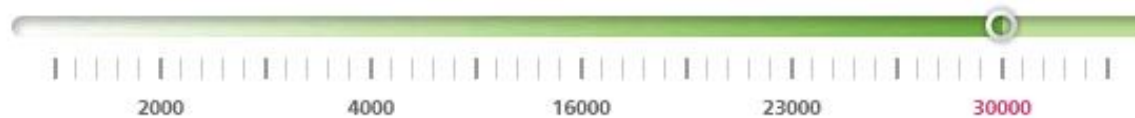
## BRIGHTNESS (ANSI-LUMEN)



## CONTRAST RATIO



## LAMP LIFE (HOURS)



# FEATURE



## SUPER LONG LASTING LAMP



4 hours a day, HW300Y lasts 20 years.



### ECO FRIENDLY (MERCURY FREE)

100% free of mercury or other hazardous materials found in most lamps.  
No more discarded bulbs, reducing the amount of toxic solid waste in our landfills.



# FEATURE



## REAL QUICK ON/OFF

Instant-on with full brightness within 5 sec.

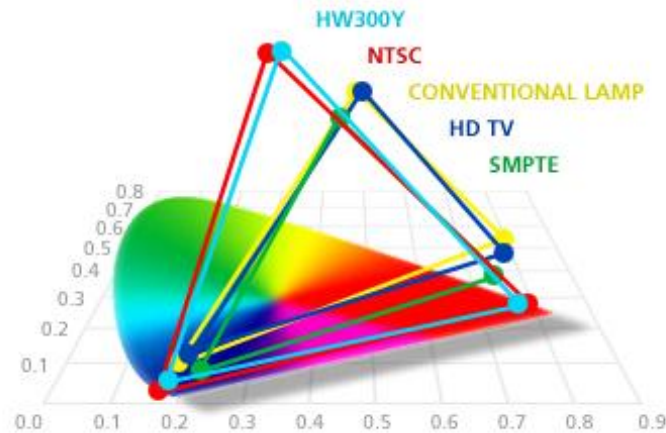


# FEATURE



## SUPERIOR PICTURE QUALITY

LED reproduce 114% Wider Color Range & Deeper color saturation.  
Ultra-Fast pulsing of LED light eliminates motion blur and color break up.



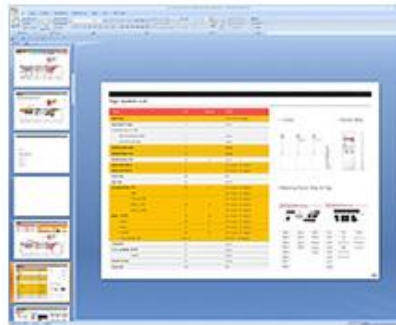
# FEATURE



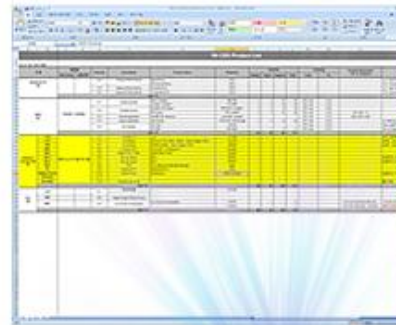
## FILE VIEWER

File viewer function enable user to show PPT or excel file by simple insert USB memory to HW300Y without converting original file.

<Improvement>  
File Operating Speed, Resolution



PPT FILE



EXCEL FILE



# FEATURE



## HD DIVX PLYER VIA USB 2.0

Without laptop or media device, HW300Y can  
Play movie, picture, and music files through USB.

<Supported Movie File List>

asf, wmv, divx, avi, mp4, m4v

mkv, ts, tp, trp, vob, mpg, mpe, mpeg





# FEATURE



## TWIN XD ENGINE

Twin XD engines reproduce more details & vivid color.  
It engine is premium engine made from LG's 10 years technology.

INPUT SIGNAL



FINAL PICTURE





# FEATURE



## STYLISH DESIGN

Compact & Simple Design



WHITE COLOR AVAILABLE: HW300Y

# FEATURE



## PROJECTION DISTANCE / BRIGHTNESS

Customer saves space for projection distance (Up to 100").

Brand A		Brand B		Brand B	
Diagonal Size (inch)	Projection Distance (mm)	Diagonal Size (inch)	Projection Distance (mm)	Diagonal Size (inch)	Projection Distance (mm)
50	212	50	204	50	151
80	339	80	327	80	243
100	-	-	-	100	304

# FEATURE



## VOLUME BOOSTER

Because of different sound level from each broadcast, HW300Y adds great function which fit and boost channel sound automatically itself, so customer feels easy and comfortable with TV channel.

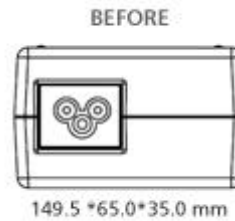
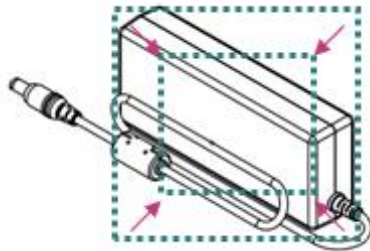


# FEATURE



## POWER SUPPLY

Although brightness and resolution are much better than before, adaptor size is smaller than before, so it is real portable projector.



# FEATURE



## INTERNET ENTERTAINMENT

HW300Y brings the best internet services direct to Wi-Fi dongle. So customer can enjoy real entertainment life with HW300Y, stand alone type smart LED portable projector.

The image shows a collage of various internet services accessible through the HW300Y projector. The services include:

- Vudu:** A streaming service interface with the tagline "The right movie, right now." It features a "Vudu Movie Library" section.
- AccuWeather.com:** A weather service interface showing a "Reading" for Saturday 2/28 with a temperature of 9° and a "Mostly Cloudy" forecast. It includes icons for Forecast, Hourly, Maps, Graph, and Calendar.
- Facebook:** A social network service profile for "Kathryn O'Connell's Profile (This is you)". The profile includes a profile picture, a cover photo, and various sections like "About Info", "Basic Info", "Contact Info", "Personal Info", and "Professional Info".
- PRE-PAID HD MOVIE:** A section with the text "Enjoy the various contents of Netcast."
- ON TIME INFORMATION:** A section with the text "Check out the new Portland Parks."
- SOCIAL NETWORK SERVICE:** A section with the text "Check out the new Portland Parks."

# FEATURE

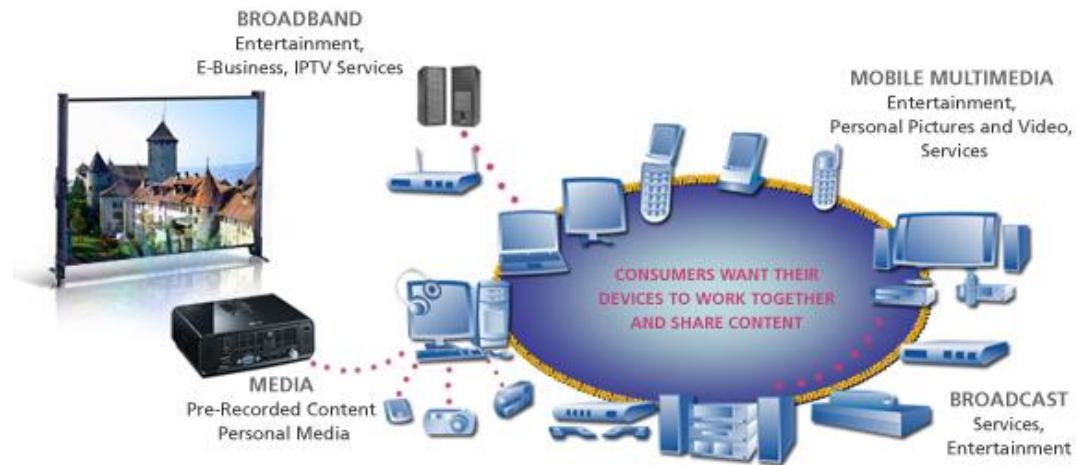


## CONSUMER FRIENDLY HOME NETWORK

DLNA = Digital Living Network Alliance

HW300Y can show the multimedia files wireless connected with other devices (like PC, TV, etc) through DLNA.

- Consist of IT, Mobile, and CE Device
- Share Contents between Device from Different Brands
- Interoperability Device for the Distribution of Personal Contents



# FEATURE

## WORLD 1<sup>st</sup> SMART TV PORTABLE LED PROJECTOR

HW300Y can be useful anywhere, anytime in entertainment device.

### Home entertainment



Gaming



Movie



Information



2nd TV

### Education & Business solution



Signage



Education



Presentation

### Outdoor activities



Easy Link



Outdoor





# FEATURE



## INPUT / OUTPUT



# SPECIFICATION

Projection System		DLP
Native Resolution		WXGA(1280x800)
Brightness(ANSI-Lumens)		300
Contrast Ratio(FOFO)		1000:1
Noise	High Brightness	34 db(A)
	Economic	26 db(A)
Uniformorty		> 85 %
Color wheel		-
Projection Lens	Focus	Manual
	Zoom	Fixed
Projection Image	Standard	40"@1.2m
	Throw Ratio	1.48
Projection Offset		100%
Lamp	Type / Maker	LED RGB
Life time	High Brightness	30,000 Hrs
	Life Economic	-

General Specification		DLP
Menu Language		Korean / English / French/ Spanish/ German / Italian / Swedish / Portuguese / Chinese Simplified / polish/ Brazilian Portuguese/ Japanese / Russian/ Greek / Arabic / Turkish/ Taiwanese
Aspect Ratio Correction		4:3/Just scan/Set by Pro./ 16:9/Zoom/Cinema Zoom
Sound		1W+1W stereo
Dimension (WxHxD, mm)		160(W) x 119.5(D) x54(H)mm
Weight		780g
Power Consumption		100W
Power Supply		AC DC Adaptor(100~240 free voltage), 50/60 Hz
Operation Temp		0 ~ 40 °C
Input Signal Compatibility	Digital(HDMI)	1080p/1080i/720p/576p/480p
	RGB	up to WSXGA+(1680x1050@60Hz)
	Component Video	1080p/1080i/720p/576p/576i/480p/480i
	Composite Video	NTSC-M

# SPECIFICATION

INPUT/OUTPUT Terminals	DLP
RGB in	1
RGB(PC) Audio in	1
RGB out	-
Composite(AV) in	1 (Video Only)
Composite(AV) Audio in	-
S video	-
Component (YPbPr)	Phone(3.5") to Comp
Audio out	1 (mini)
RS-232C	-
RJ45	-
HDMI	1
USB(SVC,Interactive)	1 (type A)
RF IN	1

Special Features	DLP
Digital Keystone Correction	O (Vertical)
Auto Source Detection	O
Quick Power on/off	○ (Within 2~3 Sec.)
Auto Sleep	O
Sleep Timer	O
Blank	○(Black,Blue, Green, Logo,Captured Image)
Image Flip	Horizontal/Vertical
Color Temperature	O
Auto Color ADJ	-
Intelligent Sensor	-
Presentation Timer	-
Brilliant Color™ (Overlap Duty)	O
White enhance(white peaking)	-
Black Level Control	O
Expert control	O
Gamma Correction	O
Noise Reduction	O
VIDI™	-
Closed Caption	○ (AV)
Picture Quality Certification (ISF, HQV etc)	-
Power On Sound	-

Added Features	DLP
USB Host (DivX, MP3, Photo)	O
File(Office) Viewer	O
FM Transmitter	x
DTV Tuner	x
Wireless DLNA	○ (wifi dongle)
Broadband	○ (Global CP)
DMB Tuner	x
Memory Card	x
Built-in Memory	x
E-Book	x
i-POD Connection	X

Design	DLP
Cabinet Color	
Local Key	7 tact key
Kensington Lock	O
Leg-Stand	O

# SPECIFICATION

Accessory		DLP
Carry Bag		○
Lens Cap		○
Ceiling mount		Option
Cable	A/V cable	
	D-sub 15	1
	Phone to Comp.	1
	Phone to AV	1
	RGB to Comp.	
Remote control		○
External Battery		Option
Quick Setup Guide		○
CD Manual		○
Wifi-Dongle		○