

## PROJECTION SYSTEM

Native Resolution	4K UHD (3840 x 2160)***
-------------------	-------------------------

Brightness (ANSI Lumen) *	1500
---------------------------	------

Contrast Ratio (Full On Full Off)	150,000:1 †
-----------------------------------	-------------

Noise (typical) - Energy Saving Min. (Bright)	30 dB(A)
---	----------

Noise (typical) - Energy Saving Med.	28 dB(A)
--------------------------------------	----------

Noise (typical) - Energy Saving Max. (Eco)	25 dB(A)
--	----------

Uniformity(JBMMA 9point)	85%
--------------------------	-----

Projection Lens - Focus (Auto / Manual)	Manual (Motorized Focus)
---	--------------------------

Projection Lens - Zoom	1.25 x
------------------------	--------

Projection Image - Screen Size	60" ~ 140"
--------------------------------	------------

Projection Image - Standard / 100" (lens to wall)	100" @ 2.7~3.4 m
---	------------------

Projection Image - Throw Ratio	1.2 - 1.5
--------------------------------	-----------

Projection Offset	100%
-------------------	------

Light source -Type	RGBB LED
--------------------	----------

Light source -Life High Brightness	30,000 Hrs
------------------------------------	------------

## GENERAL SPECIFICATION

OSD Language	Arabic/ChineseSimplified/Indonesian/L-Spanish/India/English
--------------	---

Aspect Ratio Control	16:9/Original/4:3/Vertical Zoom
----------------------	---------------------------------

Sound - Output	3W + 3W Stereo
----------------	----------------

Sound - Dolby Surround Audio	Yes
------------------------------	-----

Sound - Dolby Atmos compatible	Yes
--------------------------------	-----

Sound - DTS-HD	Yes
----------------	-----

Sound - Clear Voice	Yes (Clear Voice III)
---------------------	-----------------------

Net Size (mm) (W x D x H)	314 x 210 x 95
---------------------------	----------------

Net Weight (kg or g)	3.2KG
----------------------	-------

Power Consumption (Max.)	210W
Stand-by Power	<0.5W
Power Supply	Adapter 210W (100V – 240V @ 50~60 Hz)
Operation Temperature	0 ~ 40°C
Input Signal Compatibility - USB Type-C	Up to 4K (4096 x 2160) (60Hz, 50Hz, 24Hz)
Input Signal Compatibility - Digital(HDMI)	Up to 4K (4096 x 2160) (60Hz, 50Hz, 24Hz)

## INPUT/OUTPUT TERMINALS

Audio Out	1 (Φ3.5), S/PDIF 1 (Optical)
IP control	Yes
RJ45	1
HDMI	2
USB Type-A	2 (USB2.0)
USB Type-C (Display, Charging)	1 (USB2.0, Display, Power : 5V/1A Out)

## MAIN FEATURES

Platform (OS, UI)	webOS 4.5 (UI)
Home Launcher - Edit mode / Recent	Yes
Home Dashboard (Input, IoT with OFC device)	Yes
Screen Share (Wireless Mirroring with MiraCast supporting device)	Yes
Contents Sharing (with DLNA supporting device)	Yes
Bluetooth Sound out	Yes
Bluetooth AV Sync Control	Yes
LG Sound Sync(with Sound Bar)	Yes
Plug & Play(RGB/DVI/HDMI Auto Source Detection)	Yes
USB Host (Movie, Music, Photo)	Yes
File(Office) Viewer	Yes

<b>Setting Guide</b>	Yes (Bean Bird)
<b>HID (Keyboard/Mouse/GamePad Connection Thru USB)</b>	Yes
<b>Eco Function - Energy Saving Mode</b>	Yes (Min/Med/Max)
<b>Eco Function - Sleep Timer</b>	Yes
<b>Eco Function - Auto Off / Auto Sleep</b>	Yes
<b>Eco Function - Time Power On/Off (On Time / Off Time)</b>	Yes (On/Off)
<b>Eco Function - Automatic Standby / Auto Power Off</b>	Yes
<b>Eco Function - HDD Eco Mode</b>	Yes

## ADDED FEATURES

<b>Processor</b>	Quad Core
<b>HDR</b>	HDR10
<b>HDR Effect</b>	Yes
<b>HDR Tone Mapping</b>	Yes (Auto, Dynamic)
<b>Digital Keystone Correction</b>	Yes (Vertical)
<b>Auto Keystone</b>	Yes (Vertical)
<b>Upscaler</b>	Yes (4K)
<b>Super Resolution (Expert Control)</b>	Yes (4K)
<b>TruMotion</b>	Yes (up to 4096 x 2160)
<b>Real Cinema</b>	Yes (up to 4096 x 2160)
<b>Smooth Gradation</b>	Yes
<b>Black Level Control</b>	Yes
<b>Noise Reduction</b>	Yes
<b>Color Temperature Adjustment</b>	Yes
<b>Dynamic Contrast (Expert control)</b>	Yes
<b>Dynamic Color (Expert control)</b>	Yes
<b>Color Management System (Expert control)</b>	Yes

Color gamut setting (Expert control)	Yes
Gamma Correction (Expert control)	Yes
White balance setting (Expert control)	Yes
Quick(Instant) Power on/off	Yes (on 12 Sec off 2 Sec)
Store Mode	Yes
Background Image	Yes
Image Flip	Yes (Horizontal/Vertical)
Closed Caption	Yes
HDCP	HDCP2.2
HDMI ARC(Audio Return Channel)	Yes
HDMI simplink(CEC)	Yes
Self Diagnosis	Yes
<b>DESIGN</b>	
Cabinet Color	White
Local Key	Tact Key (Basic 5 + Focus 1)
Kensington Lock	Yes
Leg-Stand	Yes (3 Leg)
Ceiling mount hole (for bracket)	Yes
<b>ACCESSORY</b>	
Manual (Full or Simple Book)	Simple Book
Quick User Guide (Quick Set-up Guide)	Yes
Warranty Card	Yes
Cable - Adaptor	1
Cable - Power cord	1
Remote control (Battery included) - Motion	Yes (Magic Lighting Remote)
Conformances(Regulation)	CE/CB, CCC