

Main Specifications

Resolution	4K UHD (3840 x 2160)
Brightness (ANSI lumens)	1800 ANSI Lumens
Contrast Ratio (FOFO)	100,000:1 (w/ Dynamic Iris)

All Specifications

Display

Projection System	DLP
Resolution	4K UHD (3840 x 2160)
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Brightness (ANSI lumens)	1800 ANSI Lumens
Contrast Ratio (FOFO)	100,000:1 (w/ Dynamic Iris)
Display Color	30 Bits (1.07 billion colors)
Native Aspect Ratio	Native 16:9 (3 aspect ratio selectable)
Light Source	Lamp
Light Source Wattage	245W
Light Source Life	Normal 4,000 hours Economic 10,000 hours SmartEco 10,000 hrs LampSave 15,000 hrs

Optical

Throw Ratio	1.36 ~ 2.18 (100" @ 3 m)
Zoom Ratio	1.6X
Lens	F/# 1.81~2.1, f 14.3(Wide) ~ 22.9(Tele)
Lens Shift	Vertical: ± 60% / Horizontal: ± 23%
Keystone Adjustment	ID, Vertical ± 40 degrees

Image Size	60" ~ 200" / 300" (Clear Focus / Maximum)
Horizontal Frequency	15K-102KHz
Vertical Scan Rate	23-120Hz

Picture

Picture Mode	*** ISF Disabled: Bright / Vivid / Cinema (Rec. 709) / D. Cinema / Silence / 3D / User 1 / HDR / HLG **** ISF Enabled: Bright / Vivid / Cinema (Rec. 709) / D. Cinema / Silence / ISF Night / ISF Day
Color Wheel Segment	6-Segment (RGRBGR)
Color Wheel Speed	2D: 96Hz ; 100Hz ; 120Hz 3D: 100Hz, 120Hz
Rec.709 Coverage	100%
DCI-P3 Coverage	100%

Interface

HDMI	x2 (HDMI 2.0b & HDCP 2.2)
USB Type A	x1 (5V/2.5A power supply) x1 (USB 2.0 Media Reader/ Firmware upgrade) x1 (USB 3.0 Media Reader/ Firmware upgrade)
USB Type mini B	x1 Firmware upgrade
Audio out (3.5mm Mini Jack)	x1
Audio out (S/PDIF)	x1 SPDIF audio out
LAN (RJ45)	x1 RJ-45 LAN input jack (10/100M)
RS232 (DB-9pin)	x1 RS232 In (D-sub 9pin, male)
DC 12V Trigger (3.5mm Jack)	x1 (3.5mm Jack)
IR Receiver	x2 (Front/Top)
Wired Remote in (3.5mm Mini Jack)	x1

Special Feature

HDR	Yes (HDR10, HLG)
Motion Enhancer (MEMC)	Yes
ISF Night/ Day	Yes
LAN control	Yes
CinemaMaster Video +	Yes (4K Motion Enhancer, 4K Pixel Enhancer, Color Enhancer, Flesh Tone)

Compatibility

HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
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Power

Power Supply	VAC 100 ~ 240 (50/60Hz)
Typical Power Consumption	Max 405W, Normal 330W, Eco 247W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Network Stand-by Power Consumption	<2W
Acoustic Noise (Typ./Eco.)	32dBA / 26dBA
Operating Temperature	0~40 degrees (Celcius)

Dimension and Weight

Dimensions (W x H x D)(mm)	492 x 168 x 349
Net Weight (Kg/ lbs)	6.5kg / 14.3lbs

Accessories (Standard)

Remote Control w/ Battery	Remote Control w/ Battery x 1 (RCV016)
Power Cord (by region)	Power Cord (by region) x 1(3m)
User Manual CD	Yes (27L)
Quick Start Guide	Yes (9L)
Warranty Card (by region)	Yes

Lens cover

x 1

Accessories (Optional)

Optional Spare Lamp Kit

Optional

Optional Universal Ceiling Mount

Optional: Ceiling mount (CMG3)

Optional 3D Glasses

Optional

OSD

OSD Language

Arabic/ Bulgarian/ Croatian/ Czech/ Danish/
Dutch/ English/ Finnish/ French/ German/ Greek/
Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/
Korean/ Norwegian/ Polish/ Portuguese/
Romanian/ Russian/ Simplified Chinese/ Spanish/
Swedish/ Turkish/ Thai/ Traditional Chinese (28
Languages)

*** Default picture mode is Cinema (Rec. 709)

**** When ISF is enabled, default picture mode is ISF Night.