



# SPECIFICATIONS

## LIGHTSCENE EV-100/EV-105

PRODUCT MODEL	EV-100 (White)	EV-105 (Black)
		
<b>Projection technology</b>	RGB liquid crystal shutter projection system	
<b>Specifications of main parts</b>		
LCD	Size 0.59 inch (D8, C2 fine)	
	Native resolution WXGA	
Projection lens	Type Optical Zoom (Powered) / Focus (Powered)	
	F-number 1.51-1.92	
	Focal length 18.2mm-28.4mm	
	Zoom ratio 1 - 2.21 (Total)	
	1 - 1.58 (Optical Zoom)	
	1 - 1.40 (Digital Zoom)	
	Throw ratio 1.38 - 2.19 (Wide to Tele)	
Projection lens	Type Laser Diode	
	Life (normal/quiet/extended) 20000hrs / 20000hrs / 30000hrs	
Screen size (projected distance)	30" to 150" (0.88 to 4.51 m) (Wide Zoom)	
	30" to 150" (1.41 to 7.16 m) (Tele Zoom)	
	60" screen 1.79m (Standard size)	
<b>Brightness</b>		
White light output (normal/quiet/extended)	2000lm / 1000lm / 1000lm	
Colour light output	2000lm	
<b>Contrast ratio</b>	Over 2,500,000:1	
<b>Colour mode</b>	Dynamic	
	Normal	
<b>Internal speaker(s)</b>		
Sound output	NA	
<b>Adjustment angle</b>		
Vertical	Upper: 90° to Lower: 90°	
Horizontal	360°	
Rotatory	0° - 90° (Portrait projection)	
<b>Geometric correction</b>		
Keystone	Vertical	±45°
	Horizontal	±40°
<b>Quick Corner</b>	Yes	
<b>Connectivity</b>		
Digital Input	HDMI	1
Audio Output	Stereo Mini Jack	1
USB Input	USB Type A	1 (For 1200mA power supply)
	USB Type B	1 (For firmware update)
Memory I/O	SD Card	1 (SDHC, up to 32GB, more than Class 10)
Network	Wired LAN	RJ45 x 1 (100Mbps)
	Wireless	Built-in
<b>Wireless Specification (Wireless LAN)</b>		
Supported speed for each mode	IEEE 802.11b (2.4GHz): 11 Mbps*	
	IEEE 802.11g (2.4GHz): 54 Mbps*	
	IEEE 802.11n (2.4GHz): 130 Mbps*	
	Quick Mode: WPA2-PSK	
	Advanced Mode: WPA/WPA2-PSK, WPA/WPA2-EAP	
	Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast, LEAP	
Supported connection mode	Infrastructure, Access Point	

<b>Contents player</b>	
Playlist	Yes
Timetable (scheduled playlist)	Yes
SD viewer	Yes
Playlist contents	Motion JPEG Movie (AVI), and Photo (JPEG, PNG, GIF BMP)
Operating temperature	5 °C to 40 °C (41 °F to 104 °F) (20% - 80% humidity, No condensation)
Operating altitude	0 m to 3048 m (0 ft to 10000 ft) (over 1500 m / 4921 ft : with High altitude mode)
<b>Direct power on / off</b>	Yes / Yes
<b>Start-up period</b>	Less than 9 seconds
	Warm-up period: 30 seconds
<b>Cool down period</b>	Instant off
<b>Power supply voltage</b>	100 - 240 V AC +/- 10%, 50/60 Hz
<b>Power consumption (220 - 240v)</b>	
Laser diode on (normal / quiet)	170W / 118W
Standby (network on/off)	2.0W / 0.30W
<b>Dimension</b>	
Exclude feet (w x h x d)	Projection unit: φ175 x D260 Power supply unit: W361 x D110 x H65 (without Cable Cover)
<b>Weight</b>	Approx. 15.2 lbs. / 6.9kg (Main Unit and Direct Mount unit)
<b>Fan noise (normal / eco)</b>	34 / 22 dB

Supplied Accessories	
Power Cable	3m
Remote Control	Yes, with 2x AA Battery
Direct Mount Unit Set	Attached
Cable Cover	Yes
HDMI Cable Clamp	x2

Optional Accessories		
Floor Stand	White	ELPMB55W
	Black	ELPMB55B

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EV-100/ 105 Interface Panel



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