

EK-100W /101X /102X

WXGA / XGA Portable Standard Projector

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Clear image and user friendly projector for Education and Business



EK-100W	3600 lm	WXGA(1280 x 800)
EK-101X	4200 lm	XGA(1024 x 768)
EK-102X	3300 lm	XGA(1024 x 768)

Outstanding Features

- Contrast Ratio 10,000 : 1 with Iris & ECO mode
- Compact Design
- Vertical & Horizontal Keystone, Corner Keystone
- Fulfilling I / O terminals (2 HDMI, 2 VGAs, USB-A / B)
- Long Life Lamp (Eco : 10,000 hrs, Normal : 4,000 hrs)
- Electrostatic Filter
- Easy maintenance (Top-accessed lamp and side-accessed filter)
- LAN Controlled
- Quick Power off
- Built-in 10-Watt Audio Speaker
- WUXGA – VGA compatible

Flexible Installation (V / H Keystone, Corner Keystone, Curved Correction)

V / H Keystone : V : +/- 30 degrees H: +/- 30 degrees

Vertical Keystone



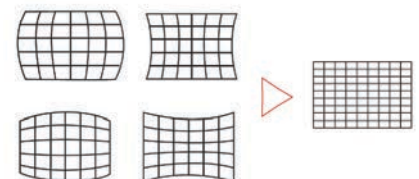
Horizontal Keystone



Corner Keystone



Curved Correction

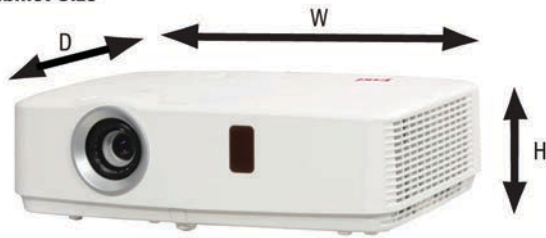


Terminal



- ① AUDIO OUT ② AUDIO IN (VIDEO-L / R) ③ VIDEO
- ④ VGA IN 2 / VGA OUT ⑤ HDMI / MHL ⑥ HDMI
- ⑦ USB-A ⑧ USB-B ⑨ LAN ⑩ AUDIO IN ⑪ RS232C
- ⑫ VGA IN 1 / YPbPr / S-Video

Cabinet Size

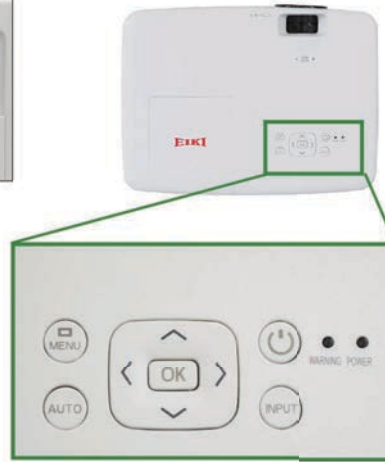


W x H x D
347 x 109 x 257mm

Specifications

Model	EK-100W	EK-101X	EK-102X
Imaging System	0.59" 3LCD	0.63" 3LCD	
Resolution	3,600 lm	4,200 lm	3,300 lm
Aspect Ratio	WXGA (1,280 x 800)	XGA (1,024 x 768)	
Brightness	16:10	4:3	
Contrast Ratio	10,000 :1 (with IRIS & Eco mode)		
Projection Lamp	218 W		
Estimated Lamp Life (Eco / Normal)	10,000 / 4,000 hours		
Image Diagonal	30" - 300"		
Image Width	0.6 - 6.5 m	0.6 - 6.1 m	
Lens	F = 1.60 - 1.76, f = 19.16 - 23.02 mm		
Zoom	Manual x1.2		
Throw Distance (Wide - Tele)	0.9 - 11.6 m	0.9 - 10.9 m	
Throw Ratio	1.48 - 1.78 : 1		
Keystone Correction	V: ±30° / H: ±30°, Corner Keystone		
Projector Elevation Adjustment	Up to 10 degrees		
Scanning Frequency	Auto : H Sync. 15 - 100 kHz, V Sync. 48 - 85 Hz		
Dot Clock (Digital/ Analog)	150 MHz / 160 MHz		
Image Orientation	Normal, Rear, Ceiling, Rear + Ceiling		
Computer : Compatibility	WUXGA - VGA		
Video : Compatibility	480 i/p, 576 i/p, 720p, 1080 i/p		

Control Panel



Remote control



Lamp(23040052)



Filter(63340044)



Model	EK-100W	EK-101X	EK-102X
Input Terminal	HDMI	HDMI x 1, HDMI / MHL x 1	
	VGA 1	D-SUB 15 pin x 1 (Shared with Component / S-Video)	
	VGA 2	D-SUB 15 pin x 1 (Shared with VGA Out)	
	Component	D-SUB 15 pin x 1 (Shared with VGA 1)	
	Composite Video	RCA x 1	
	S-Video	D-SUB 15 pin x 1 (Shared with VGA 1)	
	PC Audio, Analog	3.5mm mini jack x 1	
	AV Audio, Analog	2RCA (L / R) x 1	
	USB	USB Type A x 1*, Type B x 1**	
Output Terminal	VGA	D-SUB 15 pin x 1 (Shared with VGA 2)	
	Audio, Analog	3.5mm mini jack x 1	
Control Terminal	LAN	RJ45 x 1	
	Serial Port (RS232C)	D-sub 9 pin x 1	
Speaker	Mono 10.0 W x 1		
Fan Noise (Eco / Normal)	34.9 dB / 38.9 dB		
Dimensions (W x H x D)	347 x 109 x 257 mm		
Weight	3.2 kg		
Power Requirements	100 - 240 V, 50 / 60 Hz		
Power Consumption (Eco / Normal)	180 W / 270 W		
Power Consumption (Stand-by)	0.5 W / 6.0 W (LAN)		
Thermal Dissipation (Eco / Normal)	614 BTU / 921 BTU		
Accessories	AC Power cord, Remote Control + batteries (AA x 2), VGA cable, Quick Start Guide		

*1 : USB Type A : Viewer

*2 : USB Type B : Display via USB-A to USB-B cable
Firmware upgrade

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