

EK-300U /301W /302X

WUXGA / WXGA / XGA Portable High Performance Projector



High Brightness & Flexible Installation for Business & Education Use



EK-300U	5000 lm	WUXGA(1920 x 1200)
EK-301W	5100 lm	WXGA(1280 x 800)
EK-302X	5600 lm	XGA(1024 x 768)

Outstanding Features

- Contrast Ratio 8,000 : 1 with Iris on & ECO mode
- Fulfilling I / O terminals (2 HDMI, 2 VGAs, USB-A / B)
- x1.6 Zoom Lens
- Vertical / Horizontal Lens shift
- Vertical / Horizontal Keystone & Corner keystone
- Electrostatic Filter
- LAN Controlled
Crestron Room view / AMX Device discovery / PJ Link
- Easy maintenance
(Top-accessed lamp and side-accessed filter)
- Quick Power off
- Built-in 10-Watt Audio Speaker
- WUXGA – VGA compatible

Flexible Installation

Lens Shift

EK-300U / EK-301W Vertical : +/- 45% , Horizontal : +/- 10%
 EK-302X Vertical : +/- 40% , Horizontal : +/- 10%

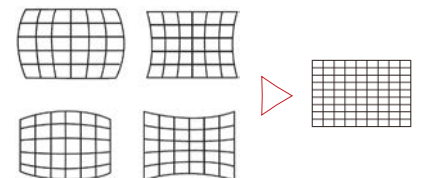
Lens Shift Image



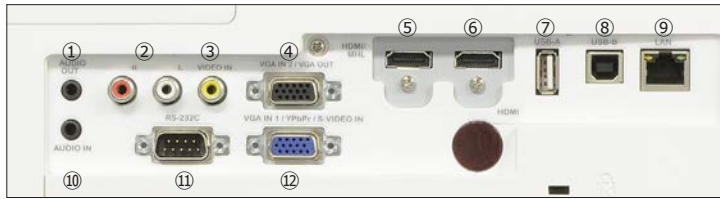
Corner Keystone



Curved Correction(EK-301W / 302X only)



Terminal



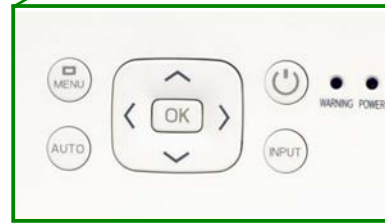
- ① AUDIO OUT ② AUDIO IN (VIDEO-L / R) ③ VIDEO
- ④ VGA IN 2 / VGA OUT ⑤ HDMI / MHL ⑥ HDMI
- ⑦ USB-A ⑧ USB-B ⑨ LAN ⑩ AUDIO IN ⑪ RS232C
- ⑫ VGA IN 1 / YPbPr / S-Video

Cabinet Size



W x H x D
395 x 128 x 318 mm

Control Panel



Remote control



Lamp(23040049)



Filter(63340044)



Specifications

Model	EK-300U	EK-301W	EK-302X
Imaging System	0.64" 3LCD	0.59" 3LCD	0.63" 3LCD
Brightness	5,000 lm	5,100 lm	5,600 lm
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)
Aspect Ratio	16 : 10		4 : 3
Contrast Ratio	8,000 : 1 (with IRIS on & ECO mode)		
Projection Lamp	280 W		
Estimated Lamp Life (Eco / Normal)	4,000 / 3,000 hours		
Image Diagonal	40" - 300"		
Image Width	0.9 - 6.5 m		0.8 - 6.1 m
Lens (F Value / Focal length)	F = 1.65 - 2.25, f = 18.2 - 29.38 mm		
Zoom Ratio	Manual x1.6		
Throw Distance (Wide - Tele)	1.1 - 13.7 m	1.2 - 14.8 m	1.1 - 14.0 m
Throw Ratio	1.3 - 2.1 : 1	1.4 - 2.3 : 1	
Lens Shift	V:±45%, H:±10%		V:±40%, H:±10%
Keystone Correction	V:±30°, H:±15°, Corner Keystone		
Projector Elevation Adjustment	Up to 10 degrees		
Image Orientation	Normal, Rear, Ceiling, Rear + Ceiling		
Scanning Frequency	Auto : H Sync. 15 - 100 kHz, V Sync. 48 - 85 Hz		
Dot Clock	150 MHz	160 MHz	
Computer : Compatibility	WUXGA - VGA		
Video : Compatibility	480 i/p, 576 i/p, 720p, 1080 i/p		

Model	EK-300U	EK-301W	EK-302X
Input Terminal	HDMI 1	HDMI x 1	
	HDMI 2	HDMI / MHL x 1	
	VGA 1	D-sub 15 pin x 1 (Share with Component / S-Video)	
	VGA 2	D-sub 15 pin x 1 (Share with Monitor out)	
	Component	D-sub 15 pin x 1 (Share with VGA 1 / S-Video)	
	S-Video	D-sub 15 pin x 1 (Share with VGA 1 / Component)	
	Composite Video	RCA x 1	
	PC Audio, Analog	3.5 mm Stereo 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-sub15 pin x 1 (Share with VGA 2)	
	Audio, Analog	3.5 mm Stereo 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)	33 dB / 40.0 dB		
Size (W x H x D)	395 x 128 x 318 mm		
Weight	4.5 kg		
Power Supply	100 - 240 V , 50 / 60 Hz		
Power Consumption	Normal 345W, Stand-by <0.5W, Lan control Standby <3.0W		
Thermal Dissipation	1,177 BTU		
Standard Accessories	AC Power Cord, Remote Control + batteries(AAAx2), VGA Cable (1.5m), Quick Start Guide		

*1 : USB Type A : Viewer

*2 : USB Type B : Display via USB-A to USB-B cable Service use

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