

# EK-306U / 307W

WUXGA / WXGA LCD High Performance Portable Projector

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## High Brightness & Flexible Installation for Business & Education Use



**EK-306U**   **5000lm**   **WUXGA (1920x1200)**

**EK-307W**   **5100lm**   **WXGA (1280x800)**

### Outstanding Features

- Contrast Ratio 10,000 : 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 Correction
- 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

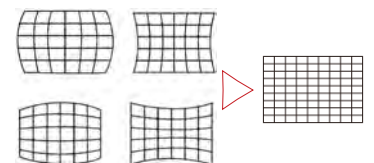
Vertical : +/- 45% , Horizontal : +/- 10%

Lens Shift Image



Corner Correction

Curved Correction (EK-307W only)



# EK-306U / 307W WUXGA / WXGA LCD High Performance Portable Projector

## Specifications

Model (EAN)	EK-306U(4571194679243)	EK-307W(4571194679274)
Display Type	0.64" 3LCD	0.59" 3LCD
Resolution	WUXGA (1920 x 1200)	WXGA (1280 x 800)
Aspect Ratio	16:10	
Brightness (ANSI)	5,000 lm	5,100 lm
Contrast Ratio	10,000:1	
Projection Light Source	280 W x 1	
Light Source Life	4,000 / 3,000 hrs (Eco / Normal)	
Image Diagonal	30" - 300"	
Lens (F Value / Focal length)	F = 1.6 - 1.9 f = 15.31 - 24.64 mm	
Zoom Ratio	Manual x 1.6	
Throw Distance	0.68 - 11.43 m	0.74 - 12.37 m
Throw Ratio	1.07 - 1.75 : 1	1.16 - 1.89 : 1
Lens Shift	V: +/- 45%, H: +/- 10% (Manual)	
Keystone Correction	V: +/- 30 degrees, H: +/- 15 degrees, Corner Correction	
Projection Elevation Adjustment	Up to 10 degrees	
Scanning Frequency	H Sync: 15 - 100 kHz, V sync: 48 - 85 Hz	
Dot Clock	150 MHz	160 MHz
Input Signals - Computer	WUXGA (1920 x 1200) - VGA ( 640 x 480)	
Input Signals - Video	1080 i/p, 720p, 576i/p, 480i/p	
Terminal	HDMI In	HDMI x 2 (1 HDMI supports MHL)
	VGA In	D-Sub 15 x 2
	YPbPr (Component)	D-Sub 15 x 1 (Shared with VGA IN 1 / S-Video)
	Video (Composite)	RCA x 1
	S-Video	D-sub 15 x 1 (Shared with VGA IN 1 / Component)
	USB	USB Type A x 1 <sup>1</sup> , USB Type B x 1 <sup>2</sup>
	Monitor Out (VGA Out)	D-Sub 15 x 1 (Shared with VGA 2)
	Audio In	RCA x 2 (L/R), 3.5mm Mini Jack x 1
	Audio Out	3.5mm Mini Jack x 1
	LAN	RJ45 x 1
	RS-232C	D-sub 9 x 1
	Built-in Speaker	Mono 10.0 W x 1
Fan Noise (Eco / Normal)	33.5 dB / 40 .0 dB	
Dimensions (W x H x D)	395 x 128 x 318 mm	
Weight	4.45 kg	
Power Requirements	AC 100 - 240 V, 50/60 Hz	
Power Consumption	345W(Normal), <0.5W(Standby), <3.0W(Lan control Standby)	
Thermal Dissipation	1,177 BTU	
Standard Accessories	AC Power Cord x 1, HDMI cable x 1 (for EK-306U), VGA cable x 1 (for EK-307W), Remote Control (with AAA batteries x 2), Quick Start Guide, Safety Guide	

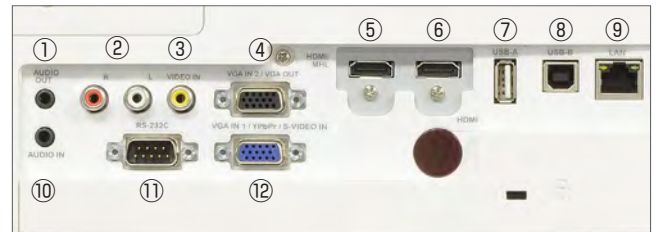
\*1:USB Type A: for Memory Viewer

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

## Dimensions



## Terminals



- ① AUDIO OUT    ② AUDIO IN (VIDEO-L / R )
- ③ VIDEO        ④ VGA IN 2 / VGA OUT
- ⑤ HDMI (MHL)   ⑥ HDMI
- ⑦ USB Type A (for Memory Viewer)
- ⑧ USB Type B (for Display and Service)
- ⑨ LAN            ⑩ AUDIO IN (Computer)
- ⑪ RS 232C       ⑫ VGA IN1 / YPbPr / S-Video

## Keypad



## Maintenance Parts

### Lamp



(P/N: 23040049)

### Filter



(P/N: 63340044)