



## Short Throw Laser 4K Conference Room Projector HD WUXGA For Business Projection

Our Product Introduction

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### Basic Information

- Brand Name: Yeoan
- Model Number: YA808U
- Minimum Order Quantity: 5
- Packaging Details: Packaging Box Dimensions (WxDxH mm): 510 W)\*498(D)\*260(H)
- Delivery Time: 15 days
- Payment Terms: L/C, T/T, Western Union



### Product Specification

- Display Technology: 3LCD
- Projection Light Source: Laser
- Brightness: 7500lm
- Standard Resolution: WUXGA (1920 X 1200)
- Projection Ratio: 1.08~1.76 1
- Zoom Ratio: 1.6X Zoom
- Aspect Ratio: Native:16:10 Compatible: 4:3/16:9
- Focus Mode: Manual
- Keystone Correction: V:  $\pm 30^\circ$  H  $\pm 30^\circ$
- Lens Shift: V: 45% 0%、 H: $\pm 21\%$
- Screen Size: 30~300"
- Highlight: **short Throw 4k conference room projector ,  
Business 4k conference room projector ,  
HD wuxga short throw projector**

## Product Description

**Highlights:** 300-inch huge screen, real giant screen experience  
 30,000 hours of ultra-long light source life  
 5,000,000:1 dynamic contrast ratio  
 Low noise and clean, enjoy the original sound of the video  
 Diffuse reflection imaging, scientific eye protection  
 Wireless projection (optional module)  
 Hexagonal correction & multi-point correction  
 360° all-round projection, install as you like

### Application:

Widely used at home, classroom, office, meeting room, hotel, hospital, school, church, factories and son on.

### Specification:

|                        |                                  |                                                                          |
|------------------------|----------------------------------|--------------------------------------------------------------------------|
|                        | Resolution                       | WUXGA                                                                    |
| Key parts              |                                  |                                                                          |
|                        | Throw Ratio                      | 1.08(wide)-1.76(tele)                                                    |
|                        | Zoom Ratio                       | 1.6X Zoom                                                                |
|                        | Light source                     | LASER                                                                    |
| Brightness             |                                  |                                                                          |
|                        | Brightness --MKT                 | 7500                                                                     |
|                        | Brightness --TYP                 | 6750                                                                     |
|                        | Brightness --MIN                 | 6000                                                                     |
| Overall Spec           |                                  |                                                                          |
| Panel                  | Display Panel                    | 3x0.64"                                                                  |
|                        | Display Technology               | Liquid Crystal Display                                                   |
|                        | Native Resolution                | WUXGA (1920 x 1200)                                                      |
| Light source Life time | Full Normal/Normal mode          | 20000hrs                                                                 |
|                        | ECO1 mode                        | 30000hrs                                                                 |
|                        | ECO2 mode                        | 30000hrs                                                                 |
| Projection Lens        | F                                | 1.58-2.02                                                                |
|                        | f                                | 15.3mm-24.6mm                                                            |
|                        | Zoom/Focus                       | Manual                                                                   |
|                        | Throw Ratio                      | 1.08(wide)-1.76(tele)                                                    |
|                        | Zoom Ratio                       | 1.6                                                                      |
|                        | Screen size                      | 30-300 inch                                                              |
|                        | Lens Shift                       | V: 45% 0%, H:±21%                                                        |
| CR                     | Contrast Ratio (FOFO)            | 5000000:1                                                                |
| Noise                  | Noise(dB) *1                     | 39dB(Normal) <sup>31dB(ECO<sup>1</sup>)</sup><br>29dB(ECO <sup>2</sup> ) |
| Uniformity             | Uniformity(Actual Min) -JISX6911 | 80%                                                                      |
| AR                     | Aspect Ratio                     | Native:16:10 Compatible: 4:3/16:9                                        |
| Terminal(I/O port)     |                                  |                                                                          |
| Input                  | VGA                              | *1                                                                       |
|                        | HDMI 2.1(IN)                     | *2                                                                       |
|                        | USB-A                            | *1                                                                       |
|                        | USB-B                            | *1 (Display)                                                             |
|                        | RJ45                             | *1 (Display)                                                             |
|                        | DVI-D                            | N/A                                                                      |
|                        | HD BaseT                         | *1 (Optional)                                                            |
|                        | HD-SDI(3G-SDI)                   | N/A                                                                      |
|                        | Video                            | N/A                                                                      |
| Output                 | Audio in (mini jack,3.5mm)       | *1                                                                       |
|                        | VGA                              | *1                                                                       |
|                        | HDMI 1.4B(OUT)                   | N/A                                                                      |
|                        | Audio out (mini-jack,3.5mm)      | *1                                                                       |
| Control                | RS232                            | *1                                                                       |
|                        | RJ45                             | *1 (Control)                                                             |
|                        | USB-B                            | *1 (For upgrade)                                                         |
|                        | Wired Remote(IN)                 | N/A                                                                      |
|                        | Wired Remote(OUT)                | N/A                                                                      |
| General Spec           |                                  |                                                                          |
| Audio                  | Speaker                          | 16W*1                                                                    |
| Dust filter            |                                  | W/Filter                                                                 |

|                    |                                     |                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Filter Life time   |                                     | 8000h                                                                                                                                                                                                                                                                   |
| Power Consumption  | Power Requeirements                 | 100~240V@ 50/60Hz                                                                                                                                                                                                                                                       |
|                    | Power Consumption (Normal) (Max)    | 425                                                                                                                                                                                                                                                                     |
|                    | Power Consumption (ECO1) (Max)      | 285                                                                                                                                                                                                                                                                     |
|                    | Power Consumption (ECO2) (Max)      | 235                                                                                                                                                                                                                                                                     |
|                    | ECO Standby Mode Power Consumption  | <0.5W                                                                                                                                                                                                                                                                   |
| Temp.&Humidity     | Operating Temp.                     | 0m≤Altitude≤1700m, Ambient0 ~50<br>1700m Altitude 3000m, Ambient 0 ~40                                                                                                                                                                                                  |
|                    | Operating Thumidity.                | 20-85%                                                                                                                                                                                                                                                                  |
|                    | Store Temp.                         | -10 to 50deg.C                                                                                                                                                                                                                                                          |
|                    | High altitude                       | 0~3000m                                                                                                                                                                                                                                                                 |
| Other Functions    |                                     |                                                                                                                                                                                                                                                                         |
| Keystone           | Keystone Correction (Lens@center)   | V: ±30° H:±30°<br>Pincushion/Barrel Correction 6 Corner<br>Geometry correction 4 Corner<br>Correction<br>Grid image tune                                                                                                                                                |
| OSD                | Languages                           | 26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi |
| LAN Control        | LAN Control-RoomView (Crestron)     | Yes                                                                                                                                                                                                                                                                     |
|                    | LAN Control--AMX Discovery          | Yes                                                                                                                                                                                                                                                                     |
|                    | LAN Control--PJ Link                | Yes                                                                                                                                                                                                                                                                     |
| Scanning Frequency | H-Synch Range                       | 15~100KHz                                                                                                                                                                                                                                                               |
|                    | V-Synch Range                       | 24~85Hz                                                                                                                                                                                                                                                                 |
| Display Resolution | Computer Signal Input               | VGA, SVGA, XGA, SXGA,WXGA,UXGA,WUXGA,4K@60 Hz                                                                                                                                                                                                                           |
|                    | Video Signal Input                  | 480i, 480p, 576i, 576p, 720p, 1080i and 1080p                                                                                                                                                                                                                           |
| SW setting         | Auto Setup                          | INPUT SEARCH,AUTO PC,Auto Keystone                                                                                                                                                                                                                                      |
|                    | Blank                               | Yes                                                                                                                                                                                                                                                                     |
|                    | Suspend                             | Yes(5 minutes no signal as default)                                                                                                                                                                                                                                     |
|                    | Picture mode                        | Dynamic,Standard,Cinema, Colorboard sim-DICOM ,Blackboard(Green)                                                                                                                                                                                                        |
|                    | Cooling time                        | 0s,normal,30s                                                                                                                                                                                                                                                           |
|                    | Closed caption                      | N/A                                                                                                                                                                                                                                                                     |
|                    | Auto Ceiling                        | Yes                                                                                                                                                                                                                                                                     |
|                    | D-Zoom                              | 1~33                                                                                                                                                                                                                                                                    |
| Others             | 360° projection                     | Yes                                                                                                                                                                                                                                                                     |
|                    | Edge Blending                       | Yes                                                                                                                                                                                                                                                                     |
|                    | Wireless display 无 投屏 (Optional)    | Yes(Optional function) Basic model not include this function.                                                                                                                                                                                                           |
| Dimension&Weight   |                                     |                                                                                                                                                                                                                                                                         |
|                    | MAX Dimensions (WxDxH mm)           | 405(W)*358(D)*137(H)                                                                                                                                                                                                                                                    |
|                    | Net. Weight (KG)                    | ~7.9KG                                                                                                                                                                                                                                                                  |
|                    | Packaging Box Dimensions (WxDxH mm) | 510(W)*498(D)*260(H)                                                                                                                                                                                                                                                    |
|                    | Gross. Weight (KG)                  | ~10.4KG                                                                                                                                                                                                                                                                 |
| Accessory          |                                     |                                                                                                                                                                                                                                                                         |
|                    | Manual Languages                    | Chinese,English                                                                                                                                                                                                                                                         |
|                    | Standard Accessories                | Power cord,HDMI cable Remote control&RC Battery                                                                                                                                                                                                                         |
| Regulation List    |                                     |                                                                                                                                                                                                                                                                         |
| China              | CCC                                 | √                                                                                                                                                                                                                                                                       |
|                    | CECP                                | X                                                                                                                                                                                                                                                                       |
|                    |                                     |                                                                                                                                                                                                                                                                         |

|                                                                                                                                |                          |              |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------|
|                                                                                                                                | 中国效率規制<br>(2016/10-)-CEL | X            |
| Japan                                                                                                                          | PES                      | X            |
|                                                                                                                                | VCCI                     | X            |
| WW                                                                                                                             | CB                       | √            |
| US                                                                                                                             | cTUVus                   | √            |
|                                                                                                                                | FCC                      | √            |
|                                                                                                                                | FDA                      | √            |
| EU                                                                                                                             | CE-EMC                   | √            |
|                                                                                                                                | CE-LVD                   | √            |
|                                                                                                                                | CE-ERP                   | √            |
| LASER CLASS                                                                                                                    | Class 1                  | √            |
| EMC Class                                                                                                                      |                          |              |
|                                                                                                                                | EMC Class                | Class A@3dBm |
| *1The noise testing environment temperature is $23 \pm 2$ , with an altitude of 0 m, and the testing standard is ISO 7779:2018 |                          |              |



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