

# ZK1120

4K UHD+ High Brightness ProAV Laser Projector



- **High brightness - 11,000 lumen 4K UHD+ WQUXGA laser projector**
- **DuraCore laser technology - Up to 30,000 hours laser light source**
- **10 lens options - 0.34:1 ~ 8.6:1 for flexible utilization of installation space**
- **Venue versatility - Ideal for digital signage, rental & staging, corporate and immersive applications**

The ZK1120 4K UHD+ (3840 x 2400) interchangeable lens laser projector delivers stunning visuals with enhanced colors and lifelike contrast, and features such as built-in edge-blending and warping and 4K HDR compatibility.

Powered by a new generation of Texas Instruments (TI) HEP DMD chipsets brings stunning visuals with enhanced colours and lifelike contrast.

Designed for even the most complex professional installations, the ZK1120 offers ten interchangeable lens options including a new zero offset ultra short throw lens for unmatched application flexibility.

Part of the DuraCore laser lineup, it combines a longer-lifetime light source and an independent IP-rated dust certification for ultimate peace of mind. Delivering up to an astonishing 30,000 hours, this projector achieves superior color rendition producing visually striking lifelike images with exceptional detail.

With integrated Art-Net support, this enables seamless synchronization with stage lighting and visual effect for live events.

Compatible with the cloud-based Optoma Management Suite (OMS), the ZK1120 can be monitored and diagnosed, and receive commands from a centralized remote location.

Specifications

UPC: 796435 44 765 6, EAN: 5055387668805, Colour: Black



|                                  |                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display/image</b>             |                                                                                                                                                                                                                                                             |
| Display technology               | DLP™                                                                                                                                                                                                                                                        |
| Resolution                       | 4K UHD+ (3840x2400)                                                                                                                                                                                                                                         |
| Brightness                       | 11,000 lumens                                                                                                                                                                                                                                               |
| ANSI brightness                  | 9,300                                                                                                                                                                                                                                                       |
| Contrast ratio                   | 4,000,000:1                                                                                                                                                                                                                                                 |
| Native aspect ratio              | 16:10                                                                                                                                                                                                                                                       |
| Aspect ratio - compatible        | 4:3,16:9,16:10,21:9                                                                                                                                                                                                                                         |
| Keystone correction - horizontal | +/- 20°                                                                                                                                                                                                                                                     |
| Keystone correction - vertical   | +/- 20°                                                                                                                                                                                                                                                     |
| Displayable colours (millions)   | 1073.4                                                                                                                                                                                                                                                      |
| Horizontal scan rate             | 15 ~ 140Khz                                                                                                                                                                                                                                                 |
| Vertical scan rate               | 24 ~ 240Hz                                                                                                                                                                                                                                                  |
| Uniformity                       | 95%                                                                                                                                                                                                                                                         |
| Screen size                      | Dependent on lens                                                                                                                                                                                                                                           |
| <b>Lamp info</b>                 |                                                                                                                                                                                                                                                             |
| Light source type                | DuraCore Laser                                                                                                                                                                                                                                              |
| LASER life                       | 30,000 hours                                                                                                                                                                                                                                                |
| <b>Optical</b>                   |                                                                                                                                                                                                                                                             |
| Throw ratio                      | Dependent on lens                                                                                                                                                                                                                                           |
| Projection distance (m)          | Dependent on lens                                                                                                                                                                                                                                           |
| Lens options                     | BX-CTA28 - 0.34:1 ~ 0.37:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA10 - 0.50:1 ~ 0.65:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA11 - 0.78:1 ~ 0.90:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA12 - 0.90:1 ~ 1.30:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA07 - 1.30:1 ~ 1.80:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA08 - 1.25:1 ~ 2.0:1                                                                                                                                                                                                                                   |
|                                  | BX-CTA20 - 1.44:1 ~ 1.8:1                                                                                                                                                                                                                                   |
|                                  | BX-CTA21 - 1.80:1 ~ 2.40:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA22 - 2.40:1 ~ 4.80:1                                                                                                                                                                                                                                  |
|                                  | BX-CTA23 - 4.80:1 ~ 8.64:1                                                                                                                                                                                                                                  |
| <b>Connectivity</b>              |                                                                                                                                                                                                                                                             |
| Connections                      | <b>Inputs</b> 2 x HDMI 2.0, 1 x DisplayPort 4K, 1 x 3D sync, 1 x HDBaseT 4K<br><b>Outputs</b> 1 x 3D sync, 1 x HDMI 2.0, 1 x USB-A power 2A<br><b>Control</b> 1 x Wired remote, 1 x RJ45, 1 x RS232                                                         |
| LAN - wireless networking        | No                                                                                                                                                                                                                                                          |
| <b>General</b>                   |                                                                                                                                                                                                                                                             |
| Noise level (min)                | 35dB                                                                                                                                                                                                                                                        |
| Noise level (max)                | 40dB                                                                                                                                                                                                                                                        |
| PC compatibility                 | 4K+ UHD   WUXGA   Full HD                                                                                                                                                                                                                                   |
| 2D compatibility                 | 4K UHD (30/60Hz)   1080P (30/60Hz)  720P (30/60Hz)                                                                                                                                                                                                          |
| 3D compatibility                 | Frame Pack   Frame Sequential   Top-bottom   Side by side                                                                                                                                                                                                   |
| 3D                               | Full 3D                                                                                                                                                                                                                                                     |
| Security                         | Security bar, Kensington Lock, Password protected interface                                                                                                                                                                                                 |
| IP rating                        | IP5X                                                                                                                                                                                                                                                        |
| OSD / display languages          | 23 languages: Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese |
| 24/7 operation                   | Yes                                                                                                                                                                                                                                                         |
| 360° operation                   | Yes                                                                                                                                                                                                                                                         |
| Operating conditions             | 0 - 40C   41 - 104F   Max Altitude10,000 ft   Max Humidity 85%                                                                                                                                                                                              |
| Remote control                   | Wired backlit PRO AV remote                                                                                                                                                                                                                                 |
| Heat dissipation                 | 2,900BTU/hour                                                                                                                                                                                                                                               |
| In the box                       | AC power cable 3M, Quick start guide, Remote Control                                                                                                                                                                                                        |
| Input lag                        | 4.50ms                                                                                                                                                                                                                                                      |
| Optional wireless models         | QuickCast Bundle, QuickCast starter kit                                                                                                                                                                                                                     |
| <b>Networking</b>                |                                                                                                                                                                                                                                                             |
| LAN - control                    | Yes                                                                                                                                                                                                                                                         |
| LAN - wireless networking        | No                                                                                                                                                                                                                                                          |
| LAN                              | Yes                                                                                                                                                                                                                                                         |
| <b>Power</b>                     |                                                                                                                                                                                                                                                             |
| Power supply                     | 100 - 240V, 50 - 60Hz                                                                                                                                                                                                                                       |
| Power consumption (standby)      | 0.5W                                                                                                                                                                                                                                                        |
| Power consumption (min)          | 375W                                                                                                                                                                                                                                                        |
| Power consumption (max)          | 655W                                                                                                                                                                                                                                                        |
| <b>Weight and dimensions</b>     |                                                                                                                                                                                                                                                             |
| Dimensions (W x D x H) mm        | 535 x 396 x 189                                                                                                                                                                                                                                             |
| Gross weight                     | 24 kg                                                                                                                                                                                                                                                       |
| Net weight                       | 16.8 kg                                                                                                                                                                                                                                                     |

