



## Model Name

## W3000 Digital Projector

### Unique Selling Point

- \* Rec. 709 HDTV standard
- \* 1.6X short-throw, big zoom lens
- \* H/V lens shift
- \* 2D keystone
- \* CinemaMaster Video & Audio Enhancer

### Trade Mark



|   |  |  |
|---|--|--|
| <b>Projection System</b>                  | DLP  |  |
| <b>Native Resolution</b>                  | 1080p (1920 x 1080)  |  |
| <b>Brightness</b>                         | 2000 AL  |  |
| <b>FOFO Contrast Ratio</b>                | 10000:1  |  |
| <b>Display Color</b>                      | 1.07 Billion Colors  |  |
| <b>Lens</b>                               | F = 2.42 - 3.05, f = 17.22 - 27.37 mm  |  |
| <b>Aspect Ratio</b>                       | Native 16:9 (5 aspect ratio selectable)  |  |
| <b>Throw Ratio</b>                        | 1.15 - 1.86 (100" @ 2.5m)  |  |
| <b>Image Size (Clear Focus / Maximum)</b> | 36"~196" / 300"  |  |
| <b>Zoom Ratio</b>                         | 1.6:1  |  |
| <b>Lamp Type</b>                          | 260W   |  |
| <b>Lamp Mode (Normal/Eco/SmartEco)*</b>   | 2000 / 3500 / 4000 hours   |  |
| <b>Keystone Adjustment</b>                | Auto Vertical & Manual Horizontal ± 30 degrees   |  |
| <b>Projection Offset</b>                  | 115% ± 2.5%  |  |
| <b>Lens Shift</b>                         | Vertical: +12.5% / Horizontal: -2.5% - 2.5%  |  |
| <b>Resolution Support</b>                 | VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking  |  |
| <b>Horizontal Frequency</b>               | 15 - 102KHz  |  |
| <b>Vertical Scan Rate</b>                 | 23 - 120Hz   |  |
| <b>Color Wheel Segment</b>                | 6-Segment (RGBRGB)   |  |
| <b>Color Wheel Speed</b>                  | 6x (50Hz), 4x (60Hz)   |  |
| <b>Compatibility</b>                      | HDTV Compatibility   | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p   |
|   | Video Compatibility  | NTSC, PAL, SECAM   |
| <b>Interface</b>                          | 3D Compatibility (Please refer to User's Manual for detailed support timing.)  | Frame Sequential: Up to 720p<br>Frame Packing: Up to 1080p<br>Side by Side: Up to 1080i/p<br>Top Bottom: Up to 1080p |
|   | <b>PC (D-Sub)</b>  | x 1  |
|   | <b>Composite Video In</b>  | x 1  |
|   | <b>Component Video In</b>  | x 1  |
|   | <b>HDMI</b>  | x 2  |
|   | <b>MHL</b>   | x 1 (Share with HDMI-2)  |
|   | <b>Audio In</b>  | x 1  |
|   | <b>Audio L/R In</b>  | x 1  |
|   | <b>Audio Out</b>   | x 1  |
|   | <b>Chamber Speaker</b>   | 10W x 1  |
|   | <b>USB (Type A)</b>  | x 1 (5V/1.5A power supply)   |
|   | <b>USB (Type mini B)</b>   | x 1 (Service)  |
|   | <b>RS232</b>   | x 1  |
| <b>DC 12V Trigger</b>                     | x 1  |  |
| <b>IR Receiver</b>                        | x 2 (Front & Top)  |  |
| <b>3D Sync Out</b>                        | x 1  |  |
| <b>Physical</b>                           | Dimensions (W x H x D)   | 330 x 120 x 247 mm   |
|   | Weight   | 4.2 kg (9.26 lbs)  |
| <b>Power</b>                              | Power Supply   | AC100 to 240 V, 50 to 60 Hz  |
|   | Power Consumption  | Normal 330W, Eco 280W, Standby <0.5W   |
| <b>Audible Noise</b>                      | 33/29 dBA (Normal/Economic mode)   |  |
| <b>On-Screen Display Languages</b>        | Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages) |  |
| <b>Picture Modes</b>                      | ** ISF Disabled: Bright / Vivid / <b>Cinema (Rec. 709)</b> / Game / User 1 / User 2 / (3D)   |  |
|   | *** ISF Enabled: Bright / Vivid / Cinema (Rec. 709) / Game / User 1 / User 2 / <b>ISF Night</b> / ISF Day / (3D)   |  |
| <b>Accessories</b>                        | <b>Standard</b>  | <b>Optional</b>  |
|   | Lens Cover   | Spare Lamp Kit   |
|   | Remote Control with Battery  | Ceiling Mount  |
|   | Power Cord (by region)   | Carry Bag  |
|   | User Manual CD   | Wireless FHD Kit   |
|   | Quick Start Guide  |  |
|   | Warranty Card  |  |
|   | DLP 3D Glasses (specific regions only)   |  |
| <b>Environmental Notice</b>               | Lamp in this product contains mercury. To dispose of the product or used lamps, consult your local environment authorities for regulations or see <a href="http://www.lamprecycle.org">www.lamprecycle.org</a> .   |  |

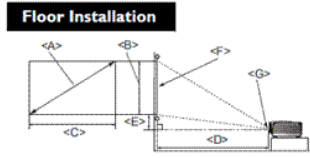
\*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

\*\* Default picture mode is **Standard**. When 3D is on, picture mode menu only show 3D. When 3D is off, 3D will also disappear.

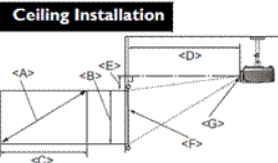
\*\*\* When ISF is enable, default picture mode is **ISF Night**. When 3D is on, picture mode only show 3D. When 3D is off, 3D will also disappear.

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## Distance Chart



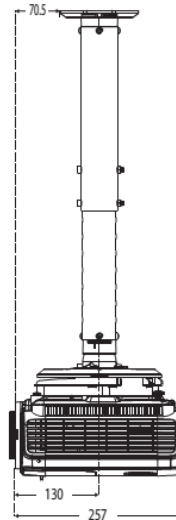
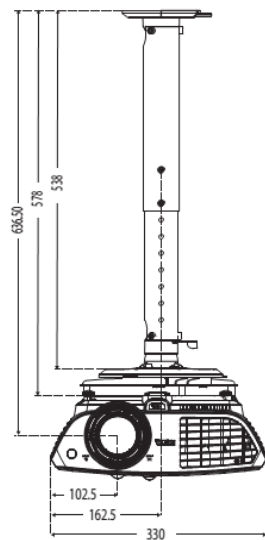
<F>: Screen      <G>: Center of lens



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| Screen dimensions        |                 |                | Projection distance <D> [mm] |      |                              | Lowest/Highest lens position <E> [mm] |        |
|--------------------------|-----------------|----------------|------------------------------|------|------------------------------|---------------------------------------|--------|
| Diagonal <A> [inch (mm)] | Height <B> [mm] | Width <C> [mm] | Min distance (with max zoom) | avg  | Min distance (with min zoom) | (min.)                                | (max.) |
| 36.4 (925)               | 454             | 806            | -                            | -    | 1500                         | 68                                    | 125    |
| 40 (1016)                | 498             | 886            | 1018                         | 1333 | 1647                         | 75                                    | 137    |
| 50 (1270)                | 623             | 1107           | 1273                         | 1666 | 2059                         | 93                                    | 171    |
| 60 (1524)                | 747             | 1328           | 1528                         | 1999 | 2471                         | 112                                   | 205    |
| 70 (1778)                | 872             | 1550           | 1782                         | 2332 | 2882                         | 131                                   | 240    |
| 80 (2032)                | 996             | 1771           | 2037                         | 2665 | 3294                         | 149                                   | 274    |
| 90 (2286)                | 1121            | 1992           | 2291                         | 2999 | 3706                         | 168                                   | 308    |
| 100 (2540)               | 1245            | 2214           | 2546                         | 3332 | 4118                         | 187                                   | 342    |
| 110 (2794)               | 1370            | 2435           | 2800                         | 3665 | 4529                         | 205                                   | 377    |
| 120 (3048)               | 1494            | 2657           | 3055                         | 3998 | 4941                         | 224                                   | 411    |
| 130 (3302)               | 1619            | 2878           | 3310                         | 4331 | 5353                         | 243                                   | 445    |
| 140 (3556)               | 1743            | 3099           | 3564                         | 4664 | 5765                         | 262                                   | 479    |
| 150 (3810)               | 1868            | 3321           | 3819                         | 4998 | 6177                         | 280                                   | 514    |
| 160 (4064)               | 1992            | 3542           | 4073                         | 5331 | 6588                         | 299                                   | 548    |
| 170 (4318)               | 2117            | 3763           | 4328                         | 5664 | 7000                         | 318                                   | 582    |
| 180 (4572)               | 2241            | 3985           | 4583                         | 5997 | 7412                         | 336                                   | 616    |
| 190 (4826)               | 2366            | 4206           | 4837                         | 6330 | 7824                         | 355                                   | 651    |
| 196.4 (4989)             | 2446            | 4348           | 5000                         | -    | -                            | 367                                   | 673    |

## Wall Mount / Ceiling Mount Chart



Unit: mm

## Dimension



Unit: mm

