

TW6000 – Installation Projector

Your Choice for Maximum Installation Flexibility

Optoma's installer-friendly TW6000 projector combines the latest image processing technologies and features. Native WXGA resolution and bright 4200 ANSI lumens bring full compatibility with today's widescreen PCs and laptops to view images easily, even from the back of auditoriums and large lecture halls. The TW6000 combines full lens shift with three interchangeable lenses to meet the most demanding requirements for large-venue installations. Each lens option is optimized with PureOptics glass elements for superb picture quality at a wide range of projection distances. The TW6000 provides best-in-class performance that installers can count on for large-venue projection needs.

* 3D content can be viewed with active LCD shutter glasses when the projector is connected to a computer with a compatible 3D graphics card. Please visit www.optoma.com for more information.



Features

- 4200 ANSI lumens of brightness project crystal clear images that are easily viewable by audiences seated in large venues such as auditoriums and lecture halls
- Native WXGA resolution is an ideal match for widescreen PCs and laptops
- Flexible projector placement with extensive vertical and horizontal lens shift
- Three lens choices with easy-to-change bayonet mounts create a wide range of projection distances and image sizes
- Remote monitoring and control capabilities over a LAN network via integrated RJ45 connection – compatible with Crestron RoomView™
- Complete security features protect projector settings and lock out unauthorized users

Specifications

Display Technology
Single 0.65" DarkChip2™ DLP®
Technology by Texas Instruments

Resolution
Native WXGA (1280 x 800)

Maximum Resolution
UXGA (1600 x 1200)

Brightness (Typical)
4200 ANSI Lumens

Contrast Ratio
2000:1 (Full On/Full Off)

Lamp Life and Type**
3000/2000 Hours (STD/Bright)
330W P-VIP

Aspect Ratio
16:10 Native, 4:3 and 16:9
Compatible

Lens Shift
Vertical -20% to +60% Image
Height
Horizontal ±10% Image Width

Horizontal Scan Rate
15 to 91 kHz

Vertical Scan Rate
43 to 87 kHz

Keystone Correction
±30° Vertical

Security
Kensington® Lock, Security Bar
and Keypad Lock

Uniformity
85%

Displayable Colors
1.07 Billion

Audio
Two 3-Watt Speakers

User Controls
Complete On-Screen Menu
Adjustments in 23 Languages

Remote Control
Fully Featured IR Remote with
Mouse and Laser Pointer

Computer Compatibility
UXGA, SXGA+, WXGA, SXGA,
XGA, SVGA, VGA Resized, VESA,
PC and Macintosh Compatible

Video Compatibility
NTSC, PAL, SECAM, SDTV
(480i/576i), EDTV (480p/576p,
HDTV (720p, 1080i/p)

3D Compatibility
120Hz Frame Sequential 3D for
Resolutions Up to 720p, 60Hz
Field Sequential 3D for
Resolutions Up to 480i

Monitor Loop Through
D-sub 15-pin VGA Output
(Functional in Both Normal and
5W Standby Modes)

Closed Captioning
Enabled via On-Screen Menu



*Projector ships lensless. Lenses are sold separately.

Projection Method
Front, Rear, Ceiling Mount,
Table Top

I/O Connection Ports
HDMI, DVI-D w/ HDCP, Two
VGA-In, VGA-Out, S-Video,
Composite Video, Component
Video, Five BNC (RGBHV/
YPbPr), Three Stereo Mini Jack
Audio-In, Two RCA Stereo
Audio-In, Audio -Out, USB,
RS-232, RJ45, and Two 12V
Triggers

Weight
18.1 lbs (8.2 kg) w/o Lens

Dimensions (W x D x H)
16.9" x 13.4" x 7.1"
(430 x 340 x 181mm)

Noise Level
31dB

Operating Temperature
41 to 104°F (5 to 40°C), 85%
Max Humidity, Adjustable Fan
Speed for High Altitude
Application

Power Consumption
430 Watts Max (Bright), 390
Watts (STD), <1 Watt (Standby)

Power Supply
AC Input 100-240V, 50-60Hz,
Auto-Switching

Standard Accessories
AC Power Cord, VGA to VGA
Cable, USB Cable, Remote
Control, Batteries for
Remote, CD-ROM User's
Manual, Quick Start Card and
Warranty Card

Optional Accessories
Lens Throw Options,
Wireless Dongle, Ceiling
Mount, S-Video Cable,
Audio-Out Adapter, HDMI
Cable, DVI Cable, Panoview™
Series Screens

Warranty
3 Years Optoma Express
Replacement Service,
1 Year on Lamp

UPC
796435 41 175 6

Accessory Part Numbers
Lamp: BL-FP330B
Remote: BR-5032L
Mount: BM-5001U
Wireless Dongle: BI-EXTGB

	Lens Throw Options* (PureOptics)		
	Standard Throw Lens	Long Throw Lens	Short Throw Lens
Throw Ratio (Distance/Width)	1.62 to 2.03:1	2.03 to 3.05:1	0.81:1
Recommended Projection Distance	4.9' to 23.0' (1.5 to 7m)	6.6' to 65.6' (2 to 20m)	1.6' to 9.8' (0.5 to 3m)
Recommended Image Size (Diagonal)	34.2" to 200" (0.87 to 5.08m)	30.6" to 457" (0.78 to 11.6m)	28.0" to 171" (0.71 to 4.34m)
Projection Lenses	F= 2.46-2.56, f= 22.8-28.5 mm, 1.25x Manual Zoom and Focus	F=2.5-3.1, f=28.5-42.75 mm, 1.5x Manual Zoom and Focus	F=2.5, f=11.5 mm, Manual Focus
Weight w/Projector	18.9 lbs (8.6 kg)	18.9 lbs (8.6 kg)	19.1 lbs (8.7 kg)
Part Number	BX-DL200	BX-DL300	BX-DL080