INSTALLATION FLEXIBILITY AND POWER

High-resolution display – Native 1920 x 1200

Top loading, dual-lamp design for high brightness and redundancy

High-performance light engine – Bright, sharp images

Flexible placement options – Multiple lens and lens shift options

Remote management via RS-232 or RJ45 connectivity

DUAL LAMP | PICTURE BY DLP TEXAS INSTRUMENTS | WIDESCREEN 16:10 ENHANCED | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | THREE YEAR OPTOMA EXPRESS 3 | CRESTRON | AMX DEVICE DISCOVERY | Extron | RoHS COMPLIANT | HDTV MONITOR | BrilliantColor
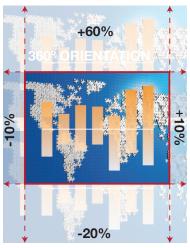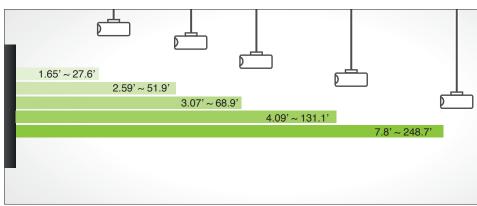

+60%
360° ORIENTATION
-10%
+10%
-20%

MOTORIZED LENS SHIFT
Horizontal: ±10%
Vertical: -20% +60%

The Optoma TH7500-NL multimedia projector brings high brightness and rugged construction to rental and staging installations. A dual-lamp design offers 6000 lumens of brightness, ultimate reliability and 24/7 operation to ensure that this projector is always ready to deliver. A choice of lenses and lens shift capabilities ensure that the projector is optimized for installation to provide a stunning performance every time.

1.65' ~ 27.6'
2.59' ~ 51.9'
3.07' ~ 68.9'
4.09' ~ 131.1'
7.8' ~ 248.7'

Lens	Fixed Short Throw	Short Throw	Standard Throw	Long Throw	Ultra Long Throw
Optoma Part Number	BX-DLWT1	BX-DLWT2	BX-DLST1	BX-DLTZ1	BX-DLTZ2
Focal Length (f)	11.73mm	18.1 ~ 21.72mm	21.5 ~ 28.7mm	28.6 ~ 54.33mm	54.06 ~ 102.7mm
F Number	2.2	2.0 ~ 2.3mm	2.0 ~ 2.3	2.2 ~ 3.0	2.3 ~ 3.16
Zoom Ratio	Fixed	1.2x	1.33x	1.9x	1.9x
Throw Ratio (Distance/Width)	0.78	1.22 ~ 1.47	1.45 ~ 1.95	1.93 ~ 3.71	3.68 ~ 7.04
Throw Distance	1.65' ~ 27.6' 0.5 ~ 8.4m	2.59' ~ 51.9' 0.79 ~ 15.8m	3.07' ~ 68.9' 0.94 ~ 21.0m	4.09' ~ 131.1' 1.25 ~ 40.0m	7.8' ~ 248.7' 2.38 ~ 75.8m
Projection Image Size	30" ~ 500" inches				
Zoom & Focus Adjustment	Motorized				

LARGE VENUE — TH7500-NL

OPTICAL/TECHNICAL SPECIFICATIONS

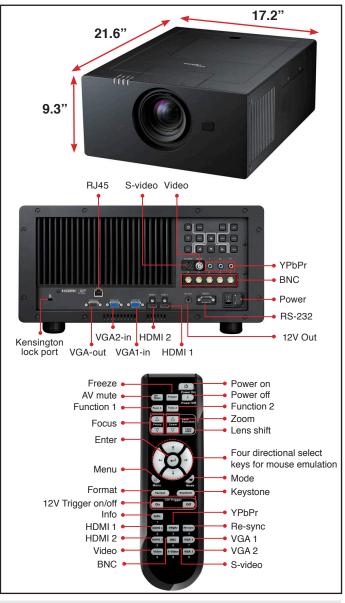|	
Display Technology	Single 0.67" DC3 DMD DLP Technology by Texas Instruments
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	Dual lamp: 6000/4000 ANSI lumens Single lamp 3000/2000 ANSI lumens
Contrast Ratio	2000:1 (full on/full off)
Displayable Colors	16.7 Billion
Lamp Life and Type*	2500/2000 Hours (ECO/STD) 330W
Projection Method	Front, rear, ceiling mount, table top
Keystone	±20° Vertical ±20° Horizontal
Uniformity	> 95%
Aspect Ratio	16:10 Native, 4:3 and 16:9 compatible
Lens Shift	Vertical: -20% ~ +60% Horizontal: ±10%
Noise Level	42dB/38dB (STD/ECO)
Operating Temperature	41 to 95° F (5 to 35° C), 85% max humidity
Power Supply	AC Input 100-240V, 50-60 Hz, auto-switching
Power Consumption	860W (STD), 735W (ECO), <20W (Active standby), <0.5W (Standby)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, HD, UWXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
Vertical Scan Rate	24 to 85 Hz
Horizontal Scan Rate	15.3 to 100 KHz
Closed Captioning	Enabled via on-screen menu
User Controls	Complete on-screen menu, adjustment in 23 languages
I/O Connection Ports	Input: two HDMI, two VGA-in, RGBHV BNC, YPbPr component, S-video, composite Output: VGA-Out Control: RJ45, RS-232, 12V trigger
Loop Through (VGA)	Monitor: D-Sub 15 pin VGA output (functional in active mode)

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port
Weight	51.4 lbs (23.3 kg) w/o lens
Dimensions (W x H x D)	17.2" x 9.3" x 21.6" (436 x 235 x 549 mm)

*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

Warranty

3-year Optoma Express Replacement Service, One-year on lamp

What Comes in the Box

AC power cord, VGA to VGA cable, remote control, batteries for remote, lens cap, CD-ROM user's manual, quick start card, warranty card, HDMI to DVI adaptor, RS-232, data and video color wheel

Optional Accessories

Lenses, HDMI cable, ceiling mount, wireless dongle, VGA to component cable, S-video cable, composite video cable, RS-232 cable and Optoma screens

Part Numbers

Lamp: BL-FP330C
Data Color Wheel: BZ-8JN06
Video Color Wheel: BZ-8JN07

Mount: BM-9002N
Remote: BR-3055B

UPC

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www.OptomaUSA.com

Optoma
Projector Expert