DELIVERING A DRAMATIC PROJECTION DIFFERENCE
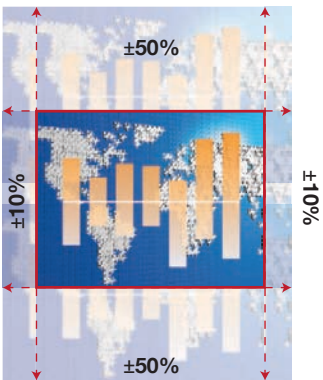
TW865-NL

Touchboards
205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

TW865-NLW

PRO|SCENE
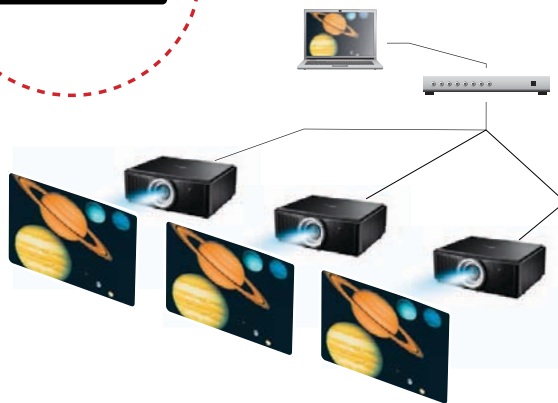
- Single lamp, high brightness; 6000 ANSI lumens
- Flexible optional lenses; Throw ratios from 1–3.07:1
- Streamline administration with network control and management via RS-232C or RJ45 ports
- 3-Year warranty; 1-Year lamp coverage
- Side-loading lamp

DLP TEXAS INSTRUMENTS | WIDESCREEN 16:10 ENHANCED | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE | THREE YEAR 3 OPTOMA EXPRESS | CRESTRON | AMX | Extron | RoHS COMPLIANT | HIGH-DEFINITION TELEVISION HDTV MONITOR | BrilliantColor | 3D PC

360° ORIENTATION

±50%
±10%
±10%
±50%

MOTORIZED LENS SHIFT
Horizontal: ±10%
Vertical: ±50%

Present from a computer on up to eight projectors over local area network connection, simultaneously.

The Optoma TW865-NL and TW865-NLW bring robust 24/7 operation to large venues looking for widescreen performance. Ideal for auditoriums, conference rooms, boardrooms, control rooms, houses of worship and theaters, the single high-brightness lamp offers ultimate performance for large rooms with ambient light. A variety of features, such as side-loading lamp design, optional lenses, motorized zoom, focus and lens shift, maximize installation flexibility and minimize maintenance. The Optoma 24/7 Maintenance Program is available for purchase with this projector for added peace of mind.

LENS OPTIONS

	SHORT THROW	STANDARD THROW	LONG THROW
Optoma Part Number	BX-CAA01	BX-CAA02	BX-CAA03
F Number	2.3 – 2.57	2 – 2.3	2.3 – 3.4
Throw Ratio (Distance/Width)	1.0 ~ 1.28	1.28 ~ 1.61	1.6 ~ 3.07
Zoom Range (Ratio)	1.28	1.25	1.9
Projection Image Size	50 ~ 500"		
Zoom & Focus Adjustment	Motorized		

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DMD DLP® Technology by Texas Instruments™
Native Resolution	WXGA (1280 x 800)
Brightness	6000 ANSI lumens
Contrast Ratio	Up to 4000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life* and Type	2000/1500 hours (STD/bright) 400W
Keystone Correction	±20° Vertical
Uniformity	>90%
Aspect Ratio	16:10 Native; 16:9 and 4:3 compatible
Motorized Lens Shift	Horizontal: ±10%, Vertical: ±50%
Audio	5-Watt speaker
Noise Level	30dB STD / 34dB bright / 54dB self cleaning
Remote Control	IR/wired remote control
Operating Temperature	41°−104°F (5°−40°C) 85% max humidity
Power Supply	AC input 100−240V, 50−60Hz, auto-switching
Power Consumption	545W max (bright), 460W (STD) <0.5W (standby)
Projection Method	Front, rear, upright, inverted

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Mac Compatible
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Frame sequential 720p, XGA, SVGA, 120Hz
Vertical Scan Rate	48−100, 120 Hz
Horizontal Scan Rate	15−100 KHz
User Controls	Complete on-screen menu adjustments in 23 languages
I/O Connection Ports	HDMI, DVI, two VGA-in, VGA-out, S-video, composite, component, RGBHV BNC, two stereo audio-in, RCA audio-in, stereo audio-out, USB type A for wireless, mini USB for display, RJ45, RS-232C, wired remote in/out and 12V trigger
Loop Through	*Monitor:* D-Sub 15 pin VGA output (functional in both normal and standby modes), *Audio:* VAO audio out, HDMI VAO audio out supported, (VAO in normal mode, fixed during Standby)
Communication and Control	RS-232C, RJ-45

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port and security bar
Weight	40.3 lb without lens
Dimensions	21.3" x 7.8" x 16.5" (540 x 199 x 420 mm)
Shipping Weight	55 lb (24.9 kg)
Carton Dimensions	27" x 15" x 23" (685 x 380 x 575 mm)

21.3"   16.5"   7.8"

1. VGA out
2. RS-232C
3. VGA1-in
4. VGA2-in
5. DVI-D
6. RJ45
7. HDMI
8. USB for Wireless Dongle
9. Mini-USB for display
10. RCA Audio-in
11. S-Video
12. Video
13. Component
14. Audio 1/3-in, Audio-out
15. R/Pr
16. G/Y
17. B/Pb
18. H
19. V
20. 12V out
21. Wired Remote

Warranty

3-Year Optoma Express Service, 1-Year on lamp

What Comes in the Box

Projector, AC power cord, VGA to VGA cable, remote adapter cable (2.5mm male to 3.5mm female), remote control, batteries for remote, RS-232 cable, lens mount adaptor, lens cap, multilingual CD-ROM user's manual, quick start card and warranty card, lens not included

Optional Accessories

Lenses, 3D glasses, wireless USB adaptor, HDMI cable, ceiling mount, VGA to component cable and Optoma screens, ceiling mount

Part Numbers

24/7 Maintenance Program with Loaner Unit: BW-M02
24/7 Maintenance Program: BW-M01   Lamp: BL-FU400A
Remote: BR-7001N   Geo Scaler: BE-BWM01
Mount: BR-9004U

UPC

TW865-NL: 796435 41 749 9
TW865-NLW: 796435 41 862 5

www.OptomaUSA.com

Optoma
Projector Expert

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

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of the RF 3D emitter. Please visit www.OptomaUSA.com for more information