

## TW766W – Widescreen Installation Projector

### A Complete Package of Widescreen Versatility and Performance

Perfect for challenging installations, the Optoma TW766W mixes performance and integration features to create an outstanding choice for conference rooms, auditoriums and classrooms. With 4000 ANSI lumens and Optoma's exclusive PureShift technology, the TW766W provides bright, sharp images in any installation. Cable-free projection with standard wireless connectivity saves time and greatly simplifies usage and setup.

### Features

- Easy-to-view images even from the back of the room – high brightness at 4000 ANSI lumens and contrast at 2500:1
- Native WXGA resolution is an ideal match for widescreen PCs and laptops
- Flexible projector placement – PureShift allows for vertical and horizontal lens shift and a 1.5x zoom provides for a wide range of installations
- Internal wireless connectivity provides a link for both data and video from up to four computers simultaneously
- Remote monitoring and control capabilities over a LAN network via integrated RJ45 connection
- Complete security features protect projector settings and lock out unauthorized users through both wired and wireless network connections

### Specifications

#### Display Technology

Single 0.65" DarkChip2™ DLP® Technology by Texas Instruments

#### Resolution

Native WXGA (1280 x 800)

#### Maximum Resolution

WUXGA (1920 x 1200)

#### Brightness (Typical)

4000 ANSI Lumens

#### Contrast Ratio

2500:1 (Full On/Full Off)

#### Lamp Life and Type

3000/2000 Hours (STD/Bright)  
280W UHP

#### Throw Ratio

1.57-2.39:1 (Distance/Width)

#### Projection Distance

3.9' to 32.8' (1.2 to 10m)

#### Image Size (Diagonal)

23.2" to 295.7" (0.59 to 7.51m)

#### Aspect Ratio

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

#### Audio

Two 2-Watt Speakers

#### Remote Control

Fully Featured Remote Control  
w/Mouse and Laser Pointer

#### Displayable Colors

134.2 Million

#### Keystone Correction

±30° Vertical

#### Uniformity

85%

#### Computer Compatibility

WUXGA, UXGA, SXGA+, XGA, SVGA,  
VGA Resized, VESA, PC and  
Macintosh Compatible

#### Video Compatibility

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

#### Monitor Loop Through

D-Sub 15-Pin VGA Output (Functional  
in Both Normal and Standby Modes)

#### Lens Shift

Vertical 105-130% Offset,  
Horizontal ±30% Image Width at  
V=105%

#### Projection Lens

F= 2.41-3.2, f = 22.18-33.27 mm,  
1.5x Manual Zoom and Focus

#### User Controls

Complete On-Screen Menu  
Adjustments in 23 Languages

#### I/O Connectors

HDMI (Audio Supported), DVI-D  
w/HDCP, Two VGA-In, VGA-Out,  
S-Video, Composite Video, Two  
Mini-Jack Audio-In, RCA Audio-In,  
Mini-Jack Audio-Out, USB, RS-232,  
RJ45, +12V Trigger

#### Security

Kensington® Lock Port, Password  
Protection, Wireless WEP Key

#### Projection Method

Front, Rear, Ceiling Mount, Table Top

#### Weight

12 lbs (5.4kg)

#### Dimensions (W x H x D)

14.3" x 5" x 11.1" (364 x 127 x 283mm)



Noise Level (STD/Bright)  
30dB/32dB

Horizontal Scan Rate  
15 to 91 kHz

Vertical Refresh Rate  
50 to 85 Hz

#### Operating Temperature

41 to 95°F (5 to 35°C), 80% Max  
Humidity, Adjustable Fan Speed for  
High Altitude Application

#### Power Supply

AC Input 100-240V, Auto-Switching

#### Standard Accessories

AC Power Cord, VGA to VGA  
Cable, USB Cable, RS-232 Cable,  
Remote Control, Batteries for  
Remote, Lens Cap, CD-ROM  
User's Manual, Quick Start Card,  
Warranty Card

#### Optional Accessories

Ceiling Mount, S-Video Cable,  
Audio-Out Adapter, HDMI Cable,  
Composite Video Cable, DVI Cable,  
Panoview™ Series Screens

#### Warranty

3 Years Optoma Express  
Replacement Service, 1 Year on  
Lamp

#### UPC

796435 41 123 7

#### Accessory Part Numbers

Lamp: BL-FU280B  
Remote: BR-5029L  
Mount: BM-5001U