

EP1690 Digital Projector

Data to Video, Day to Night –

The EP1690 is Your All-Around Digital Display Device

The Optoma EP1690 is a native 16:9 digital projector that delivers performance for today's widescreen laptops, the latest DVDs and high-definition content. Featuring a native resolution of 1280 x 768, the EP1690 offers amazingly bright picture quality with 2500 lumens and a 2500:1 contrast ratio. Stylish, lightweight and amazingly versatile, the EP1690 goes from laptop to big screen home entertainment easily.



Features

- Native 16:9 WXGA (1280 x 768) widescreen display for work and play versatility
- DarkChip2™ DLP® technology by Texas Instruments ensure that images don't fade or degrade over time
- Bright and crisp picture quality with 2500 lumens and 2500:1 contrast ratio
- Optoma's exclusive Widescreen Maximizer™ (available from www.OptomaUSA.com) guarantees perfect picture matching between the video source and projector
- Extensive connectivity options, including DVI with HDCP and 4 audio and video inputs
- Express on/off function to power on/off the projector in mere seconds
- Innovative "wind tunnel" cooling system to deliver whisper quiet operation and prevent light leakage



Specifications

Brightness

2500 Lumens (typical)

Resolution

Native WXGA (1280 x 768)
WXGA (1280 x 768), PC Max
720p, 1080p Video Max

Contrast Ratio

2500:1 (full on/off)

Lamp Life and Type

2500 Hours (ECO)
220W UHP

Display Type

0.65" DDR DLP® Technology
by Texas Instruments

Throw Ratio

1.58 to 1.90:1 (Distance/Width)

Projection Distance

5' to 40'
(1.5 to 12 m)

Image Size

28" to 300"
(0.71 to 7.62 m)

Remote Control

Full Feature Remote Control
with Laser Pointer and Mouse

PC Compatibility

SXGA+, UXGA, XGA, SVGA,
VGA Compression, VESA
Standards, PC Compatible

Video Compatibility

HDTV (480i/p, 576i/p, 720p, 1080i/p)
with 480i/576i De-Interlacing

Projection Lens

F/2.5 - 2.8, f = 22.25 - 26.69 mm

I/O Connections

DVI-D w/HDCP, Two VGA
(YPbPr/RGB/SCART), S-Video,
Composite Video, Four Audio
Inputs, USB, RS-232, VGA-Out

Operating Temperature

5 to 35 C°, 80% Max Humidity

Storage Temperature

-20 to 60 C°, 80% Max Humidity

Uniformity

85%

Dimensions (W x H x D)

13.56" x 3.72" x 9.67"
(344 x 94 x 246 mm)

Weight

7 lbs (3.2kg)

Noise Level

30dB (STD)
27dB (ECO)

Power Supply

AC Input 100-240 Volts, 50 - 60Hz

Power Consumption

295 Watts ± 10% Full Power,
<13W Standby Power

Warranty

2 Years Limited Parts and Labor,
90 Days Lamp

Standard Accessories

AC Power Cord, VGA to VGA,
S-Video, RS-232 Cable, Remote
Control, Batteries for Remote,
Lens Cap, Quick Start Guide,
Warranty Card and User's Manual

Optional Accessories

Bering Ceiling Mount, 15-pin
to 3 RCA Component – HDTV
Adapter, Composite Cable,
DVI to DVI Cable, DVI to HDMI
Adapter, Gold Service Warranty
and GrayWolfII™ Series Screens

UPC:

796435 11 123 6