

Wide or Wild? How about Both? A dream spec dares to challenge

Featuring 1080p Full HD resolution, 3600-lumen high brightness, & various intelligent designs which you can only find them all from those few sky-high priced "art pieces", **Optoma EP1080** is ready to break the boundary and take your passion further at a much affordable pricing.

With the future-proof top-native-wide format & versatile capabilities from corporate boardroom to professional installations, **Optoma EP1080** is here inviting you for a journey to the real next-generation. Now is time to take a bold approach.



Native 1920x1080 Resolution • 2200:1 High Contrast • Stunning 3600 ANSI Lumens

- Unmatched image quality and great details
- True versatility: Business/Professional/Theater Crossover

Comprehensive Connectivity

- 2 Digital-In (HDMI & DVI) • 4 Analog-In (VGA1, VGA2, S-Video, Composite) • Independent Audio-In
- 1 Analog-Out (VGA) • 1 Audio-Out • 12V Relay-Out • USB (for remote mouse & service)

RJ45 & RS232 Dual Control System with Projector ID Programmable

- For more effective/efficient remote management/control

Incorporated with VIDI, a Philips Lighting Technology

- Latest lamp technology for higher light efficiency and color boost

Picture in Picture / 2 sets of 2W speakers

- Capable to fit in various multimedia applications

Enhanced Security Functions

- Security Timer/Password/Keypad Lock for theft deterrent and prevent from unauthorized usage

User-Friendly & Installation-Friendly Designs

- Signal Power On/Direct Power On/Auto Power Off/Sleep Timer

Green Design & Built-in TiO2 Photo Catalyst Air Purifier

- All material/process comply with RoHS directive
- Optoma proprietary TiO2 air purifier is a proven solution in sterilization & deodorization

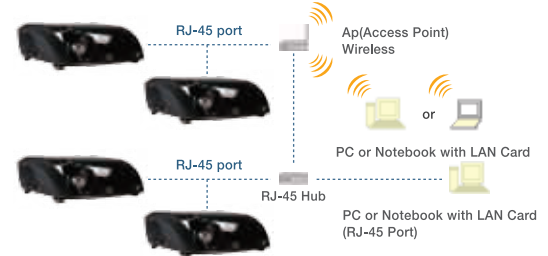


Specification EP1080

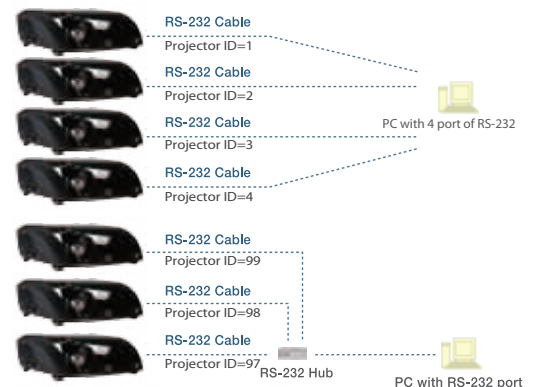
Display Technology	TI DLP™ Technology 0.95" 1080P Full HD DMD Chip
Resolution	Native 1920x1080 Computer capability up to WUXGA (1920x1200) 60Hz
Brightness	3600 ANSI Lumens
Contrast Ratio	2200:1
Displayable Colors	1.07 billion colors
Projection Lens	F=2.6~2.89, f=39.12~46.91mm 1.2x Manual zoom/ focus lens
Projection Image Size	30.5 to 305 inches
Projection Distance	1.5m ~12.5m
Throw Ratio	1.85 ~ 2.22 : 1 (projection distance/screen width)
Keystone Correction	+10° (vertical)
Aspect Ratio	16:9 Native, 4:3 Compatible
Scan Rate	H:15~100 KHz / V:24~100 Hz
PC Compatibility	WUXGA,UXGA,SXGA,XGA,SVGA,VGA,VESA standards PC signal & Macintosh compatibles
Video Compatibility	HDTV (480p,576p,720p,1080i/p),SDTV (480i,576i),Full NTSC,NTSC4.43,PAL, PAL-M,PAL-N,SECAM,HDMI (480i/p,576i/p,720p,1080i/p)
Input / Output Connections	HDMI (support audio input)x1,DVI-D(support HDCP)x1,VGA1(YPbPr/RGB/SCART)x1,VGA2(YPbPr/RGB)x1,S-Videox1,Composite Videox1,Audio inputx5(For DVI-D/VGA1/VGA2/S-Video+Video(RCA)/HDMI),VGA outputx1, Audio outputx1,+12V Relay outputx1,USB Port(For USB remote mouse control/service)x1,RS-232 interfacex1,IR receivers(front and top)x2, RJ45(LAN for network control interface)x1
Uniformity	85%
Lamp Type	300-watt user replaceable lamp
Estimated Lamp Life	3000 hours (STD mode) / 2000 hours (Bright mode)
Power Supply	AC input 100 ~ 240V; 50/60 Hz
Weight	4.7 kg / 10.5 lbs
Speaker	2W X 2
Dimensions (WxDxH)	411mm x 311mm x 116mm

Network Management

Control plural EP1080 by wireless or wire via RJ-45 port in EP1080



Control plural EP1080 by wire via directly or RS-232 hub with projector ID#1080



VIDI Technology Philips Lighting Technology

Specific color and brightness boosted in various modes for a more aesthetic picture.



with VIDI Technology without VIDI Technology

5-Year Color Guarantee & 5-Year Imager Guarantee

We are so confident that the EP1080 colors will not fade that we guarantee the colors will remain vibrant and vivid, even after many years of use.

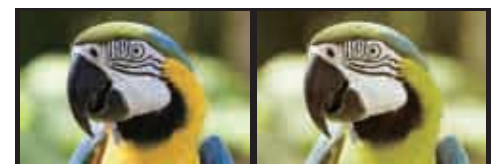


The large screen experience demands sharp, flawless images with instant impact and lasting, crystal clear pictures. To retain image clarity Optoma projectors are designed with DLP® technology, preventing degradation over time and consistent pixel performance. The Imager Guarantee ensures a precise picture performance for a minimum of five years.



True Vivid™ Technology

Optoma proprietary TrueVivid™ color enhancement technology affords better balanced chroma and luminance for life-like colors, giving the viewer the ultimate visual experience.



with TrueVivid™ without TrueVivid™

BrilliantColor™



BrilliantColor™ is a Texas Instruments technology, which uses innovations in image processing to improve the optical efficiency of projection systems. BrilliantColor allows the usage of a more advanced image processing algorithm and enables usage of more colours on the colour wheel, than the standard Red, Green, Blue White segments. BrilliantColor technology enables higher brightness levels by boosting mid-tone colours, resulting in more vibrant, precisely accurate colours projected on the screen.

Full HD(1920x1080) vs. XGA(1024x768)

Full HD resolution delivers wider & more detailed images with maximum fidelity.



Full HD(1920X1080)

XGA(1024X768)

Available from:

www.optoma.com

All Specifications are subject to change without notice.
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