vivitek®
Vivid Color, Vivid Life

HOME CINEMA
PROJECTORS | **H9080FD**

World's First LED 1080p
 Home Cinema Projector

The world's first 1080p, LED home cinema projector delivers next-generation video processing performance for demanding home cinema enthusiasts and professional installers. As an LED-based projector, the H9080FD provides a stunning image quality unmatched by traditional lamp-based projectors. The H9080FD redefines the home cinema viewing experience.

Features

- Amazing 100,000:1 contrast ratio at 800 ANSI Lumens of brightness
- The LED illumination source provides over 20,000 hours of operation
- Full HD 1080p (1920x1080)
- Advanced image processing from Gennum
- Built-in 1.3x zoom with manual lens shift (±120% vertical and ±30% horizontal)
- Dynamic Iris automatically enhances and adjusts black levels
- Connectivity options include: Two (2) HDMI v1.3, Component, S-Video, Composite
- RS-232c for one-touch automation and 12V trigger for simple screen/projector automation functionality

Specifications	
Brightness	800 ANSI Lumens
Native Resolution	1080p (1920 x 1080)
Max. Resolution	WUXGA (1920 x 1200) @60Hz
Contrast Ratio	100,000:1 (Full On/Full Off)
Lamp Life and Type	Over 20,000 Hours, Luminus PhlatLight LED PT-120
Display Type	Single 0.95" DMD DLP® Technology by Texas Instruments
Video Processor	Gennum 9450
Throw Ratio	1.85 - 2.4:1 (Distance/Width)
Image Size (Diagonal)	22.5" - 300" (0.6 to 7.62 m)
Projection Distance	2.5 - 9.0 m
Projection Lens	F=2.5-2.7
Zoom Ratio	1.3:1 Manual Zoom/Focus
Aspect Ratio	16:9 Native, 4:3, 16:10 Compatible
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15, 30 to 90 KHz
Vertical Scan Rate	43 to 85 Hz
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Lens Shift Range	Vertical: ±120%, Horizontal: ±30%
Uniformity	85%
Computer Compatibility	1080p, WUXGA, UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC 4.43, PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)
I/O Connection Ports	HDMI v1.3 (x2), Component YPbPr BNC, VGA-In, S-Video, Composite Video, RS-232c, 12V Trigger (x2), Wired Remote Mini-Jack
Weight	16.6 kg
Dimensions (W x H x D)	520.7 x 223.5 x 548.6 mm
Noise Level	25dB
Power	Supply: AC Input 100 - 240V Consumption: 175 Watts, < 1 Watt(Standby)
Warranty	3-Year Warranty, 1-Year or 1,000h Lamp Warranty
Standard Accessories	AC Power Cord, Component Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual (CD), Warranty Card
Optional Accessories	Short Throw Lens 1.56-1.86:1, 0.8x optical converter, 1.25x optical converter
UPC	8 14964 33454 1

RoHS COMPLIANT

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

PICTURE BY DLP TEXAS INSTRUMENTS

FULL HD 1080p

BrilliantColor™