

# H1080FD

A high-performance digital projector that delivers brilliant images and unmatched performance



## H1080FD

The Vivitek H1080FD is a high-performance digital projector that integrates perfectly into any home theater installation.

### Features:

- Native 1080p (1920x1080)
- Bright at 1800 lumens for dazzling images
- Amazing 5000:1 contrast ratio for vivid picture quality
- DLP® DarkChip2™ and BrilliantColor™ technologies from Texas Instruments
- 3000 hours of lamp life; Whisper-quiet at 26dB
- Built-in 5-Watt Mono Speaker
- Connectivity options include: Two (2) HDMI v1.3, VGA-In, S-Video, Composite
- RS-232c for one-touch automation and 12V trigger for simple screen/projector automation functionality

Specifications	
Display	H1080FD
Brightness	1800 Lumens (Typical)
Native Resolution	1080p (1920 x 1080)
Contrast Ratio	5000:1 (Full On/Off)
Lamp Life and Type	≈3000/2000 Hours (Standard/Boost Mode), 230W UHP
Lamp Part #	5811116206-SU
Display Type	Single 0.65" DarkChip2™ DLP® Technology by Texas Instruments
Throw Ratio	1.6 to 1.92:1 (Distance/Width)
Image Size (Diagonal)	25" to 300" (0.6 to 7.6 m)
Projection Distance	3.3' to 32.8' (1.0 to 10.0 m)
Projection Lens	F=2.55-2.72, f=21.3-24.5mm
Zoom Ratio	1.2:1 Manual Zoom/Focus
Aspect Ratio	16:9 Native, 4:3 Compatible
Offset	130%
Keystone Correction	±30° Vertical, Auto Keystone
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15, 30 to 90 KHz
Vertical Scan Rate	43 to 85 Hz
Speaker	5W Mono
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Uniformity	85%
Computer Compatibility	1080p, UXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L)
I/O Connection Ports	HDMI v1.3 (x2), VGA-In, Component Video, Composite Video, S-Video, RCA Audio-In, Mini-Jack Audio-In, Mini-Jack Audio-Out, USB (Service), RS-232c, 12V Trigger
Security	Kensington® Lock Port, Security Bar
Weight	7.8 lbs (3.5 kg)
Dimensions (W x H x D)	13.2" x 4" x 10" (335 x 102 x 254 mm)
Noise Level	26dB/30dB (Standard/Boost Mode)
Power	Supply: AC Input 100 - 240V Consumption: 240 Watts (Standard Mode), 290 Watts (Boost Mode), <1 Watts (Standby Mode)
Operating Temperature	41 to 104°F (5 to 40°C), 80% Max Humidity
Warranty	1-Year Limited Warranty, 90-Day Lamp Warranty
Standard Accessories	AC Power Cord, Component Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual (CD), Warranty Card
Optional Accessories	Replacement Lamp, Remote