vivitek®
Vivid Color. Vivid Life.

EDUCATION
PROJECTOR | **D837**

Versatile XGA Digital Projector

The Vivitek D837 meets today's demanding video applications with extensive features and picture quality enhancements. Offering performance and functionality, the D837 fit into any presentation-ready environment.

The D837 digital projector includes a number of key functions that improve picture quality. With Pre-set Enhanced Display Modes to Enhanced Wall Color Adjustments, the video quality is easily adjusted for the best possible image. Add in 3:2/2:2 pull-down, built-in 12V trigger and rapid on/off features, the Vivitek D837 easily becomes a "can't leave behind" presentation solution.

Features

- 3500 lumens of brightness with a 2500:1 contrast
- 3D-ready with DLP® Link™
- Enhanced color and display adjustments
- Closed captioning
- RJ45/RS-232c for integration and system administration
- 3:2/2:2 pull-down eliminates jagged images from interlaced video and ensures crisp, clean images
- 12V trigger for simple screen/projector automation

Specifications	
Brightness	3500 Lumens (Typical)
Native Resolution	XGA (1024 x 768)
Max. Resolution	UXGA (1600 x 1200)
Contrast Ratio	2500:1 (Full On/Off)
Lamp Life and Type	≈3000/4000 Hours (Standard/Economy Mode), 230W
Lamp Part #	5811100876-S
Display Type	Single 0.55" DLP® Technology by Texas Instruments
Throw Ratio (±3%)	1.93 to 2.16:1 (Distance/Width)
Image Size (Diagonal)	23" to 300" (0.6 to 7.6 m)
Projection Distance	3.0' to 43.2' (0.9 to 13.2 m)
Projection Lens	F = 2.52 - 2.73, f = 21.8 - 24mm
Zoom Ratio	1.1:1 Manual Zoom/Focus
Aspect Ratio	4:3 Native, 16:9 Compatible
Offset	128%
Keystone Correction	±15° Vertical
Color Spectrum	16.7 Million
Horizontal Scan Rate	15, 30 to 90 KHz
Vertical Scan Rate	43 to 85 Hz
Speaker	2W Mono
Remote Control	Full Featured IR Remote with Laser Pointer
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Uniformity	85%
Computer Compatibility	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i), EDTV (480p), HDTV (720p, 1080i) thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM
I/O Connection Ports	HDMI v1.3, VGA-In (x2), Composite Video, VGA-Out, S-Video, RCA Stereo-In, Mini-Jack Audio-In, Mini-Jack Audio-Out, RJ45, RS-232c, 12V Trigger, USB (Service)
Security	Kensington® Lock Port
Weight	5.7 lbs (2.6 kg)
Dimensions (W x H x D)	11.0" x 4.02" x 8.23" (280 x 102 x 209 mm)
Noise Level	36dB/33dB (Standard/Economy Mode)
Power	Supply: AC 110-240V Consumption: 240W (Economy Mode), 290W (Standard Mode), <1W (Standby Mode)
Operating Temperature	41 to 104°F (5 to 40°C)
Warranty	1-Year Limited Parts/Labor, 90-Day Lamp
Standard Accessories	AC Power Cord, VGA Cable, Carrying Case, Remote Control, Batteries for Remote, Lens Cap, User's Manual (CD), Warranty Card
UPC	8 14964 33463 3

RoHS COMPLIANT

DLP 3D READY

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

PICTURE BY DLP TEXAS INSTRUMENTS

HDTV MONITOR HIGH-DEFINITION TELEVISION

BrilliantColor™