vivitek®
Vivid Color, Vivid Life

EDUCATION
3D PROJECTOR | **DX831**

High Brightness, High Performance with Full 3D and MHL

Designed for high brightness and performance in widescreen presentation format. The DX831 3D digital projector offers outstanding digital image, versatility, portable, and value. With HDTV compatibility, rapid start-up and shutdown, the DX831 offers ease-of-use operation. The Vivitek DX831 digital projector also feature multiple connectivity options, DLP® and BrilliantColor™ technologies, and long-life lamp promoting environment friendly operation.

Features

- Native XGA resolution and displays up to WUXGA
- 5000 lumens of brightness with a 15,000:1 contrast
- 3D-Ready via DLP® Link™, Full 3D From Blu-Ray or broadcasted via cable or satellite
- 6-segment colorwheel for accurate and detailed images
- Variety of display connectivity options including: HDM (x2),VGA-in (2x), VGA-Out, S-Video and Composite Video
- MHL device connectivity for streaming of content (video, audio, documents, presentations) from a compatible Andriod™ device
- Built-in 10W audio speaker with multiple audio-in and audio-out ports
- High-efficiency lamps that last up to 3500 hours (in Image Care Mode)
- Integrated Closed Caption Decoding (CCD) automatically converts the audio portion of a TV's signal and displays it as subtitles on the projected screen
- RJ45/RS-232c for integration and system administration. Integrated network monitoring and management solutions (product certified) including Crestron® RoomView™, Extron, AMX SSDP, and Telnet
- 12V trigger for simple screen/projector automation
- Top-loading sliding cover for quick and easy lamp replacement
- Anti-theft security features include: Kensington® security slot, and security bar

Specifications

Specifications	
Brightness	5000 Lumens
Native Resolution	XGA (1024 x 800)
Max. Resolution	WUXGA (1920 x 1200)
Contrast Ratio	15,000:1 (Full On/Off)
Lamp Life and Type	2500/3000/3500 Hours (Normal/Eco/Dynamic Eco, Dynamic Eco Plus Mode), 310W / 245W
Lamp Part #	5811120589-S
Display Type	Single 0.65" DLP® Technology by Texas Instruments
Throw Ratio (±3%)	1.46 to 2.20 (Distance/Width)
Image Size (Diagonal)	25" - 318" (0.64 – 8.07m)
Projection Distance	3.94' to 32.8' (1.2 to 10m)
Projection Lens	F2.42 - 2.97 , f= 20.70 - 31.05mm
Zoom Ratio	1.5X
Aspect Ratio	16:10 Native: 16:9, and 4:3 Compatible
Offset	111.3%
Keystone Correction	±40° Vertical, ±40 Steps
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15, 31 to 91.4KHz
Vertical Scan Rate	24 ~ 30Hz, 47 ~ 120Hz
Speaker	10 Watt Mono
Remote Control	Full Featured IR Remote w/ Laser Pointer
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Uniformity	85%
Computer Compatibility	WUXGA, 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)
Full 3D Video Compatibility	720p 50/60 Frame Packing, 1080i 50/60 Side-by-Side, 1080p24 Frame Packing, Frame Sequential (DLP® Link™, HDMI 1.4b (Blu-Ray))

I/O Connection Ports		
	HDMI/MHL v1.4b (x1)	RJ45 LAN Control (x1)
	HDMI v1.4b (x1)	RS-232c (x1) Serial Control
	VGA In (15pin D-Sub) x2	Audio-In 1(RCA L/R) x1
	VGA Out (15pin D-Sub) x1	Audio-In (3.5mm Mini-Jack) x1
	Composite Video (x1)	Audio-Out (3.5mm Mini-Jack) x1
	S-Video (x1)	12V-Trigger (3.5 Mini-Jack) x1
	Microphone (3.5mm Mini-Jack)	Mini-USB (Service Only)
	5V-Out 1.5A (USB Type A connector)	

Security	Kensington® Lock Port
Weight	7.35lbs (3.34kg)
Dimensions (W x D x H)	12.36" x 8.39" x 4.96" (314 x 213 x 126mm) ID only 12.36" x 9.06" x 4.96" ((314 x 230 x 126mm) with lens
Noise Level	34dB/38dB (Eco/Normal Mode)
Power	Supply: AC 100-240V, 50/60Hz Consumption: 410W (Normal Mode), 3200W (Eco Mode), <0.5W (Standby Mode), <2W (LAN Standby Mode)
Operating Temperature	41 to 104°F (5 to 40°C)
Warranty	3-Year Limited Parts/Labor, 1year Lamp
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, User's Manual (CD), Warranty Card
UPC	813097021540