

## EDUCATION PROJECTOR D855ST

## The Essential Short-Throw Projection Solution

The Vivitek D855ST digital XGA projector can create a 92-inch image at approximately 4.5 feet away. The D855ST features DLP®/BrilliantColor™ technologies to project crisp, vibrant images. It is 3D-ready, has HDMI v1.3 and DVI inputs, and a rapid start-up/shutdown function, making the D855ST ready for the latest multimedia applications.

## Features

- Native XGA resolution and able to display up to UXGA (1600 x 1200)
- 3000 lumens of brightness with a 3000:1 contrast
- 3D-Ready via DLP® Link™
- High-efficiency lamps that last up to 6000 hours (in economy mode)
- VGA-output for display on a secondary monitor
- Keypad lock prevents accidental system adjustments
- Enhanced color and display adjustments
- Network-ready for integration and system administration via RJ45







Phone: 866-94 BOARDS (26273) / (732)-222-1511 Fax: (732)-222-7088 | E-mail: sales@touchboards.com



Throw Ratio0.65:1 (Distance/Width)Image Size (Diagonal)37.3" to 373" (0.9 to 9.5 m)Projection Distance1.64' to 16.40' (0.5 to 5.0 m)Projection LensF = 2.85, f = 7.25 mmZoom RatioFixed Lens, Manual FocusAspect Ratio4:3 Native, 16:9 CompatibleOffset128%Keystone Correction±15' VerticalColor Spectrum16.7 MillionHorizontal Scan Rate15, 30 to 90 KHzVertical Scan Rate43 to 85 HzSpeaker10 Watt MonoProjection MethodTable Top or Ceiling Mount (Front or Rear)Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;ComputerUXGA, SXGA+, STC, NTSC 4.43, PAL B/G/H/I/M/N 60,SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-Ur, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)Operating Temperature41 to 104°F (5 to 40°C)Warranty1-Year Limited Warranty, 90-Day Lamp WarrantyStandard AccessoriesAC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Carrying Case, User's		
Native ResolutionXGA (1024 x 768)Max. ResolutionUXGA (1600 x 1200)Contrast Ratio3000:1 (Full On/Off)Lamp Life and Type\$4000/6000 Hours (Boost/Standard Mode), 220WLamp Part #\$811116713-SDisplay TypeSingle 0.55" DLP® Technology by Texas InstrumentThrow Ratio0.65:1 (Distance/Width)Image Size (Diagonal)37.3" to 373" (0.9 to 9.5 m)Projection Distance1.64' to 16.40' (0.5 to 5.0 m)Projection LensF = 2.85, f = 7.25 mmZoom Ratio4:3 Native, 16:9 CompatibleOffset128%Keystone Correction±15° VerticalColor Spectrum16.7 MillionHorizontal Scan Rate15, 30 to 90 KHzVertical Scan Rate43 to 85 HzSpeaker10 Watt MonoProjection MethodTable Top or Ceiling Mount (Front or Rear)Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;CompatibilityVESA Standards; PC and Macintosh CompatibleVideo Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, CompositeVideo CompatibilityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60HzConsumption:230W (Standard Mode), 280W(Boost Mode), <1W (Standby Mode)Operating Temperature41 to 104°F (5 to 40°C)Warranty1-Year Limited Warranty, 90-Day Lamp Warranty <th>Specifications</th> <th></th>	Specifications	
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Contrast Ratio3000:1 (Full On/Off)Lamp Life and Type×4000/6000 Hours (Boost/Standard Mode), 220WLamp Part #5811116713-SDisplay TypeSingle 0.55" DLP® Technology by Texas InstrumentThrow Ratio0.65:1 (Distance/Width)Image Size (Diagonal)37.3" to 373" (0.9 to 9.5 m)Projection Distance1.64" to 16.40" (0.5 to 5.0 m)Projection LensF = 2.85, f = 7.25 mmZoom RatioFixed Lens, Manual FocusAspect Ratio4:3 Native, 16:9 CompatibleOffset128%Keystone Correction±15" VerticalColor Spectrum16.7 MillionHorizontal Scan Rate15, 30 to 90 KHzVertical Scan Rate15 to 85 HzSpeaker10 Watt MonoProjection MethodTable Top or Ceiling Mount (Front or Rear)Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;ComputerUXGA, SXGA+, SXGA, A, A, A, B/G/H/I/M/N 60,SECAMI/O Connection PortsI/O Connection PortsHDMI v1.3, DVH, VGA-In, VGA-Out, CompositeVideo, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 bs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, S0/60HzConsumption:230W (Standard Mode), 280W(Boost Mode), <1W (Standby Mode)	Native Resolution	XGA (1024 x 768)
Lamp Life and Type >4000/6000 Hours (Boost/Standard Mode), 220W   Lamp Part # 5811116713-S   Display Type Single 0.55" DLP® Technology by Texas Instrument   Throw Ratio 0.65:1 (Distance/Width)   Image Size (Diagonal) 37.3" to 373" (0.9 to 9.5 m)   Projection Distance 1.64' to 16.40' (0.5 to 5.0 m)   Projection Lens F = 2.85, f = 7.25 mm   Zoom 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 10 Watt Mono   Projection Method Table Top or Ceiling Mount (Front or Rear)   Uniformity 85%   Computer UXGA, SXGA+, SXGA, XGA, SVGA, VGA, NGA Resized;   Computer UXGA, SXCA+, SXCA, AGA, SVGA-, OL, Composite   Video Compatibility SDTV (480i), EDTV (480p), HDTV (576i, 720	Max. Resolution	UXGA (1600 x 1200)
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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 10 Watt Mono   Projection Method Table Top or Ceiling Mount (Front or Rear)   Uniformity 85%   Computer UXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;   Compatibility VESA Standards; PC and Macintosh Compatible   Video Compatibility SDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i)   thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM   I/O Connection Ports HDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite   Video, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)   Security Kensington® Lock Port   Weight 6.0 Ibs (2.7 kg)   Dimensions (W x H x D) 12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)   Noise Level 33dB/36dB (Standard/Boost Mode)   Power Supply: AC 100-240V, 50/60Hz   Consumption: 230W (Boost Mode), <1W (Standby Mode)	Zoom Ratio	Fixed Lens, Manual Focus
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Horizontal Scan Rate15, 30 to 90 KHzVertical Scan Rate43 to 85 HzSpeaker10 Watt MonoProjection MethodTable Top or Ceiling Mount (Front or Rear)Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh CompatibleVideo CompatibilitySDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i) thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Keystone Correction	±15° Vertical
Vertical Scan Rate43 to 85 HzSpeaker10 Watt MonoProjection MethodTable Top or Ceiling Mount (Front or Rear)Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh CompatibleVideo CompatibilitySDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i) thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 Ibs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Color Spectrum	16.7 Million
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Projection MethodTable Top or Ceiling Mount (Front or Rear)Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;CompatibilityVESA Standards; PC and Macintosh CompatibleVideo CompatibilitySDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i)thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60,SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, CompositeVideo, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60HzConsumption: 230W (Standard Mode), 280W(Boost Mode), <1W (Standby Mode)	Vertical Scan Rate	43 to 85 Hz
Uniformity85%ComputerUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh CompatibleVideo CompatibilitySDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i) thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Speaker	10 Watt Mono
Computer CompatibilityUXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh CompatibleVideo CompatibilitySDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i) thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Projection Method	Table Top or Ceiling Mount (Front or Rear)
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Video CompatibilitySDTV (480i), EDTV (480p), HDTV (576i, 720p, 1080i) thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Computer	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized;
thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAMI/O Connection PortsHDMI v1.3, DVI-I, VGA-In, VGA-Out, Composite Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Compatibility	VESA Standards; PC and Macintosh Compatible
Video, Mini-Jack Audio-In, RCA Stereo-In, Mini-Jack Audio-Out, RJ45, RS-232c, USB (Service)SecurityKensington® Lock PortWeight6.0 lbs (2.7 kg)Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Video Compatibility	thru RGB, NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60,
Weight 6.0 lbs (2.7 kg)   Dimensions (W x H x D) 12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)   Noise Level 33dB/36dB (Standard/Boost Mode)   Power Supply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	I/O Connection Ports	Video, Mini-Jack Audio-In, RCA Stereo-In,
Dimensions (W x H x D) 12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)   Noise Level 33dB/36dB (Standard/Boost Mode)   Power Supply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Security	Kensington® Lock Port
Dimensions (W x H x D)12.0" x 4.3" x 8.5" (305 x 109 x 216 mm)Noise Level33dB/36dB (Standard/Boost Mode)PowerSupply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Weight	6.0 lbs (2.7 kg)
Noise Level   33dB/36dB (Standard/Boost Mode)     Power   Supply: AC 100-240V, 50/60Hz Consumption: 230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)	Dimensions (W x H x D)	
Consumption:   230W (Standard Mode), 280W (Boost Mode), <1W (Standby Mode)     Operating Temperature   41 to 104°F (5 to 40°C)     Warranty   1-Year Limited Warranty, 90-Day Lamp Warranty     Standard Accessories   AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Carrying Case, User's		
Warranty1-Year Limited Warranty, 90-Day Lamp WarrantyStandard AccessoriesAC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Carrying Case, User's	Power	Consumption: 230W (Standard Mode), 280W
Standard Accessories AC Power Cord, VGA Cable, Remote Control, Batteries for Remote, Carrying Case, User's	Operating Temperature	41 to 104°F (5 to 40°C)
Batteries for Remote, Carrying Case, User's	Warranty	1-Year Limited Warranty, 90-Day Lamp Warranty
	Standard Accessories	
Optional Accessories Replacement Lamp, Remote, Carrying Case	Optional Accessories	Replacement Lamp, Remote, Carrying Case
UPC 8 14964 33532 6	UPC	8 14964 33532 6