



MULTIMEDIA FULL HD  
3D PROJECTOR

# DH856



## High Brightness, High Performance In 16:9 Widescreen with Full HD 3D

Designed for high brightness and performance in 16:9 widescreen presentation format. The DH856 offers outstanding brightness in its class together with features like comprehensive Full HD 3D support, installation flexibility and portable with a 1.5x zoom lens, keystone and corner correction all in a compact chassis. With advanced color technology, multiple image modes and hardware features, the DH856 provides optimum picture performance for any use in many environments.

### Features

- Native 1080p (1920x1080) resolution and displays up to WUXGA
- 4,800 lumens of brightness with a 15,000:1 contrast
- viviBlack enhances black level for higher contrast ratio
- 3D-Ready via DLP® Link™, Full 3D From Blu-Ray or broadcasted via cable or satellite
- 6-segment colorwheel for accurate and detailed color images
- Easy image corrections with 4 corner geometric correction
- Variety of display connectivity options including: HDMI (x2), VGA-in (2x), VGA-Out, S-Video and Composite Video
- Built-in 10W audio speaker with multiple audio-in and audio-out ports
- High-efficiency lamps that last up to 4000 hours in Eco Mode
- RJ45/RS-232c for integration and system administration. Integrated network monitoring and management solutions (product certified) including Crestron® RoomView™, Extron, AMX SSSD, 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		
Display Type	Single 0.65" DLP Technology by TI	
Brightness	4,800 Lumens	
Native Resolution	1080p (1920 x 1080), 16:9 Format	
Contrast Ratio	15,000:1	
Lamp Life and Type	3000/4000/5000 Hours (Normal/Eco/Dynamic Eco), 310W / 250WW	
Throw Ratio (±3%)	1.39 to 2.09 (Distance/Width)	
Image Size (Diagonal)	26" - 325" (0.66 – 8.25m)	
Projection Distance	3.94' to 32.8' (1.2 to 10m)	
Projection Lens	F=2.42 - 2.97 , f= 20.70 - 31.05mm	
Zoom Ratio	1.5X	
Aspect Ratio	Native: 16:9	
Offset	114.9%	
Keystone Correction	±30° Vertical, ±30 Steps	
Horizontal Scan Rate	15, 31 to 91.4KHz	
Vertical Scan Rate	24 ~ 30Hz, 47 ~ 120Hz	
Audio	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 1 ver. 1.4b (x2)	RJ45 LAN Control
	VGA-In (15pin D-Sub) x1	RS-232c Serial Control
	VGA-Out (15pin D-Sub) x1	5V-Out 1.5A USB Type A (x2)
	Audio-In (3.5mm Mini-Jack)	12V-Trigger (3.5 Mini-Jack)
	Audio-Out (3.5mm Mini-Jack)	Mini-USB (Service Only)
Security	Kensington® Lock Port	
Weight	7.48lbs (3.4kg)	
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	38dB/34dB (Normal/Eco Mode)	
Power	Supply: AC 100-240V, 50/60Hz Consumption: TBAW (Normal Mode), TBAW (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	
Optional Accessories	Spare Lamp P/N (5811120589-SVV) Remote Control P/N (5042149001)	
UPC	813097024732	

