



13500i WU - WUXGA

13,000 ISO / 11,700 ANSI Lumens
HEP Digital Projector - LASER
Contrast Ratio: 3,000,000:1 (Dynamic Black)
Part Number: 123 - 526



PRELIMINARY SPECIFICATION FOR REFERENCE ONLY.
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. EXPECTED
Q4/2025 PRODUCT LAUNCH.

Key Features

Picture performance & Colour Processing

- DLP® and BrilliantColor™ for high-performance projection
- High Brightness and Contrast: 13,000 lumens and 3,000,000:1 contrast ratio
- Wide Color Gamut: HDR10, REC 709 >93%
- Compatible with 4K-UHD input sources
- 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours
- Powerful seven-point colour correction for accurate colour matching

Light Source & Reliability

- Laser Light Source for stable, high-quality projection
- Almost Maintenance-Free: Up to 20,000 hours of operation
- Optical engine sealed to IP6X

Installation Flexibility

- Manual Zoom and Focus, HV Keystone, and 4-corner adjustments
- Portrait and 360° Projection: Supports installation at various angles (e.g. 90° setups)
- Seamless projection with built-in edge blending and warping
- Usage time and power level locks Light Source & Reliability
- Eight optional Lenses available- Throw Ratio: 0.31 – 6.94:1

Connectivity

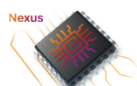
- Offers versatile connectivity for easy integration with various devices
- Input source recognized automatically
- HDBaseT™ interface support enables uncompressed HD video, control, and Ethernet over a single CAT5e/6 cable up to 100m

Projector LAN Control

- Includes free Digital Projection Controller II software
- Simultaneous control of user-defined groups of projectors.

Specifications:

Colour System	Laser Phosphor with Color boost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 4 Segment RGBY 2 x 7200rpm (120Hz)
Display	Single Chip 0.8" DLP Technology by TI
DMD Specification	WUXGA (1920 x 1200) Fast transit pixels for smooth greyscale and improved contrast.
Maximum Resolution	UHD (3840x2160) @60Hz
Contrast Ratio	1,300:1 (Native) / 20,000:1 (Dynamic) 3,000,000:1 (Full On/Off)
Laser Life/Type	Up to 30,000 hours / Dual Laser Technology
Throw Ratio	1.4- 2.11:1 (Standard Lens)
Image Size (Diagonal)	60" - 500" (Standard Lens)
Projection Distance	1.78m – 23.20m (Standard Lens)
Projection Lens	F = 1.8-2.11
Zoom Ratio	1.5x:1
Aspect Ratio	16:10 (Default)
Offset	Motorized Lens Shift
Lens Shift Range	Vertical: ±60%, Horizontal: ±20%
Keystone Correction	Horizontal ±60°, Vertical ±40° (Adjustable Range of Single Direction)
Horizontal Frequency	23.67 ~ 135 kHz
Vertical Scan Rate	24~30Hz ;47~120Hz
Edge Blending	Yes (Built-In)
Warping	Yes (Built-In)
3D Functionality	Yes (DLP® Link™, HDMI v2.0 Blu-ray, side by side, frame packing, top and bottom, frame sequential)
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA, 4k UHD@60hz, Mac
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p, 4K UHD)
I/O Connection Ports	HDMI v2.0 x2(HDCP v2.2 Compliant), Display Port 1.2 x2, 3G SDI-In/Out, 3D Sync In/Out, RS232-In /Out, 12V/350mA Trigger x8, Wired Remote In/Out, USB-A5V1.5A, HDBaseT™x1 (VS2000), LAN (RJ45) x1
Projection Method	Tabletop, Ceiling Mount, Portrait (Front or Rear)
Dimensions (LxWxH)	598mm x500mm x 160mm w/o foot
Weight	29.4kg
Available Colors	Black
Noise Level	36 dB / 33dB (Normal / Eco Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	Normal: 740W@22W AC
Standard Accessories	AC Power Cord, Remote Control w/Batteries, Documentation Kit



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