HD8300

·PureMotion2 processing ensures smooth and judder-free images for greater realism
·Latest 1080p DarkChip3 DLP® technology by Texas Instruments
·Features full lens shift for flexible projector placement
·1080p 3D ready for high definition 3D source
·1500 lumens and a 30,000:1 contrast ratio with DynamicBlack
·Full-function, backlit remote with discrete IR codes and secondary convenience remote
·ISF Certified Calibration Controls, with Day and Night modes

Detail Specifications

Display Technology	Brightness	Resolution
Single 0.65" 1080p DarkChip3™ DLP Technology by Texas Instruments	1600 ANSI Lumens	Native 1080p (1920 x 1080)

Contrast Ratio	Lamp Life and Type	Throw Ratio
TBD ANSI Contrast 2000:1 (Full On/Full Off) 30,000:1 (Max) w/ DynamicBlack	4000/3000 Hours (STD/Bright) 280W P-VIP	1.49 to 2.28

Projection Distance	Image Size (Diagonal)	Uniformity
4.9' to 32.8' (1.5 to 10m)	29.8" to 297.3" (0.76 to 7.55m)	85%

Noise Level	Displayable Colors	Lens Shift
28dB	1.07 Billion	Vertical 105~115%, Horizontal ±15%

Projection Lens	Aspect Ratio	Keystone Correction
Standard: F= 2.45-2.9, f = 22.18-33.27 mm, 1.5x Manual Zoom and Focus	Native 16:9, Fully Automatic 2.35:1 with Anamorphic Lens	±5° Vertical

Security	Projection Method	User Controls
Kensington® Lock Port	Front, Rear, Ceiling Mount, Table Top	Complete On-Screen Menu Adjustments in 22 Languages

I/O Connectors

Two HDMI v1.4a, VGA-In,
Composite Video,
Component Video,
RS-232, Two 12v Trigger,
Mini USB-B, VESA 3D
Port, S-Video

Remote Control

Backlit Remote Control
with Discrete IR Codes for
Power and Source
Selection, Magnetically
Attached Convenience
Remote

Computer Compatibility

HD, UXGA, SXGA+,
WXGA, SXGA, XGA,
SVGA, VGA Resized,
VESA, PC and Macintosh
Compatible

Video Input Compatibility

1080P 3D, 720p 3D, HD
(1080i/p, 720p), EDTV
(480p/576p), NTSC, PAL,
SECAM

Horizontal Scan Rate

15.3 to 91.1 kHz

Vertical Scan Rate

24 to 85 Hz, 120Hz

Weight

18.5 lbs (8.4 kg)

Dimensions (W x H x D)

19.3" x 7.6" x 14.6" (490 x
194 x 371mm)

Power Supply

AC Input 100-240V,
50-60Hz, Auto-Switching

Power Consumption

385 Watts (Bright), 315
Watts (STD), <1 Watt
(Standby)

Operating Temperature

41 to 95°F (5 to 35°C),
85% Max Humidity,
Adjustable Fan Speed for
High Altitude Application

Standard Accessories

AC Power Cord,
Composite Video Cable,
Remote Control,
Secondary Convenience
Remote, RF Emitter,
Batteries for Remote, Lens
Cap, User's Manual, Quick
Start Card, and Warranty
Card

Optional Accessories

Ceiling Mount, HDMI
Cable, VGA Cable,
S-Video Cable,
Component Cable, Lens
Option, Anamorphic Lens
Kit, and
Panoview™ Series
Screens

Warranty

3-Years Optoma Express
Replacement Service,
2-Years on Lamp

UPC

796435 41 717 8

Image Processing

True 10-Bit Full HD
Processing 3 Stage
Optoma Image Processing
and 9-step manual setting

Iris Control

DynamicBlack Technology