Optoma

DH1010
DLP® Projector

All-in-one
1080p home projector

- Full HD Home Entertainment - 1080p for detail and clarity

- Bright projection anytime – 2700 ANSI Lumens

- Digital connectivity, HDMI – perfect Full HD display

- 8W speaker – all-in-one multimedia set-up

- Low ownership costs – up to 4000hrs lamp life

- Portable – carry bag provided for easy transportation

- Environmentally friendly design <1W standby mode

- Optoma DH1010 filter-free design – virtually no maintenance

BrilliantColor™
DLP

5 year
IMAGER GUARANTEE

COLOUR GUARANTEED
5 YEARS

Full HD
1080p

Bright, portable all-in-one 1080p home entertainment projector

Enjoy the big cinema experience in your home with the Optoma DH1010. Project stunning, bright images with this Full HD projector. Easy to set up using a HDMI cable from a HD source such as a blu-ray player or games console for big images anywhere in your home.

Great to use at anytime of the day, the DH1010 home entertainment projector with 2700 lumens brightness, 2000:1 high contrast ratio and built-in 8W speakers is supplied with a luxury carry case so you can project anywhere, anytime.

FULL HD

Full HD (1920 x 1080) has twice the resolution of standard HD. DH1010 is compatible with HDTV broadcasts and high–definition DVDs to project impressive full 1080p images and video in their original digital brilliance.

Supporting video formats include 480p, 576p, 720p, 1080i and 1080p

4:3 **16:9**

XGA (1024 x 768)   **1080p (1920 x 1080)**

AUDIO CAPABILITY

Built-in 8W speaker offers excellent audio support. The DH1010 is easy to set up without the need for costly external speakers.

8W

STUNNING IMAGE QUALITY

Full HD 1080p technology delivers impeccable image quality associated with the best digital cinema performance around the world. Digital HDMI signal creates a true digital projection system that produces a spectacular High Definition display. This unprecedented combination ensures natural, life-like images with crystal clarity.

EXTENSIVE CONNECTIVITY

This native 1080p projector accepts a wide variety of video and computer input signals.

Connectivity includes: HDMI, VGA (SCART/ Component via adaptor), S-Video and Composite.

Two audio inputs for individual video and PC connections enable the DH1010 to function as an audio switcher and volume controller, thereby eliminating complicated and costly.

PROJECTOR CONTROL

The extensive RS232 command set makes it simple and easy to control the DH1010 with any control system.

AMX Compatibility – Dynamic Discovery
Protocol is incorporated into the EH1020. This feature allows for easy installation with AMX control systems.

AMAZING COLOURS

The DH1010 incorporates BrilliantColor™ technology to produce stunningly bright images with perfectly balanced life-like colours.

COLOUR AND IMAGER GUARANTEE

Bright colours and fantastic image quality are guaranteed for an amazing 5 years* after purchase - giving piece of mind that the technology inside the Optoma DH1010 projector won't fade or degrade.

VIRTUALLY MAINTENANCE FREE = LOWER COST OF OWNERSHIP

In many cases, Optoma projectors ensure lower cost of ownership, longer life and improved reliability compared to various competing products. The filter-free projector design means no more regular filter cleaning or replacements, saving you time and money.

ENVIRONMENTALLY FRIENDLY

The DH1010 incorporates energy saving features to conserve power and extend the lamp life:

To achieve the maximum 4000hrs** lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidently left on when no longer required. Enabling the <1W Standby mode will ensure the minimum energy consumption when the projector is not being used.

It takes less than 10 seconds for the projector to power up and shutdown, saving both time and energy.

FEATURES

- 6 preset display modes
- Security bar and password protection for added security
- Easy to use remote with laser pointer, mouse control and direct source selecting
- Direct power on
- Customised start-up logo
- +12v Trigger - electric screen control

DH1010 SPECIFICATIONS

Native Resolution	1080p 1920 x 1080
Brightness - BRIGHT mode	2700 ANSI Lumens
Contrast	2000:1
Noise Level	28dB
Display Technology	Single 0.65" 1080p DC2 DMD chip DLP® Technology by Texas Instruments
Throw Ratio	1.5 - 1.8:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Projection Lens	F/2.55~2.87; f=22.41~26.82mm, 1.2x Manual Zoom
Image Size	0.77 – 9.19m (30.15" - 361.75") Diagonal 16:9
Offset	116%
Weight / Dimensions (W x D x H)	2.9 kg / 324 x 234 x 97mm
Lamp Life**	4000/3000 (STD/BRIGHT mode)
Remote Control	Full function remote with laser pointer and direct source selecting
INPUTS	HDMI (HDCP) - audio supported 15 Pin D-Sub VGA (SCART/Component via adaptor) S-Video 4 Pin Mini Din Composite RCA 3.5mm Audio Mini Jack - Audio computer inputs Stereo RCA - Audio video inputs USB (remote mouse)
CONTROL	RS232 - 3 Pin Mini DIN
OUTPUT	15 Pin D-Sub VGA Stereo Audio Mini Jack +12v Trigger
Audio	8W Speaker
Aspect Ratio	16:9 Native, 16:10/4:3 Compatible
Keystone Correction	± 20° Vertical
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian, Danish, Hungarian, Czech, Turkish, Farsi & Arabic
Compatible Resolutions	UXGA, SXGA+, HD, WXGA, XGA, SVGA
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p
Uniformity	85%
Displayable Colours	1.07 Billion
Horizontal Scan Rate	15 - 91kHz
Vertical Scan Rate	25 - 85Hz
Power Supply	100 - 240V, 50 - 60Hz
Power Consumption	308W BRIGHT mode < 1W Standby mode 256W STD mode < 1W Standby mode
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)
Security	Security Bar, Kensington Lock Port, Password Protection
Standard Accessories	Soft Carry Bag, Lens Cover, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours - whichever comes sooner
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details
Colour Guarantee*	5 Years
Imager Guarantee***	5 Years

EASY TO USE REMOTE CONTROL

DH1010 Remote Control
1 Laser
2 Remote Mouse
3 Page Up/Down Control
4 Help/Enter
5 Vertical Keystone Correction
6 Volume Control
7 Brightness Adjustment
8 AV Mute
9 Direct Input Source Selection

DH1010 Connections
10 USB (Remote Mouse)
11 VGA OUT
12 VGA - SCART & Component
13 HDMI (audio supported)
14 S-Video
15 Composite Video
16 Audio Out
17 RS232
18 +12v Trigger
19 Audio In (VGA)
20 Audio In L & R
   (S-Video & Composite)
21 Kensington™ Lock
22 Security Bar

Exceptional Connectivity/Multiple Terminals

Easy to use remote
with buttons to change
the input sources

DH1010 Projection Distance 1.2 - 12m (16:9 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.80	0.67	0.45	0.38	0.92	36.18	0.07
2.00	1.33	1.11	0.75	0.63	1.53	60.29	0.12
2.50	1.67	1.39	0.94	0.78	1.91	75.36	0.15
3.00	2.00	1.67	1.13	0.94	2.30	90.44	0.18
4.00	2.67	2.22	1.51	1.26	3.06	120.58	0.24
5.00	3.33	2.78	1.88	1.57	3.83	150.73	0.30
6.00	4.00	3.33	2.26	1.88	4.59	180.88	0.36
7.00	4.67	3.89	2.64	2.20	5.36	211.02	0.42
8.00	5.33	4.44	3.01	2.51	6.13	241.17	0.48
9.00	6.00	5.00	3.39	2.82	6.89	271.31	0.54
10.00	6.67	5.56	3.77	3.14	7.66	301.46	0.60
11.00	7.33	6.11	4.14	3.45	8.42	331.61	0.66
12.00	8.00	6.67	4.52	3.77	9.19	361.75	0.72

For guide purposes only

DH1010 is capable of 16:10/4:3 aspect ratio projection. When projecting a 16:10/4:3 image the image sizes, screen height and offset information will differ from the above.

PICTURE BY
DLP
TEXAS INSTRUMENTS

ProSelecta