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DS320

Bright projection

- **Bright SVGA projector – 3800 ANSI lumens**
- **Easy connectivity – HDMI, VGA, USB power**
- **Clear, powerful audio - 10W speaker**
- **Lightweight and portable**

Project bright vibrant presentations effortlessly any time of day. Designed for meeting rooms and classrooms, the DS320 boasts amazing colour, long lamp life and energy-saving features for a lower overall cost of ownership.

This projector is easy to connect to with multiple inputs, a built-in speaker and USB power. Perfect for connecting HDMI dongles or a laptop, PC or Blu-ray player for clear projected images with sound. This portable and lightweight projector can be installed or taken on the move for off-site meetings with the optional carry bag (sold separately).

Specifications

Display/image	
Display technology	DLP™
Resolution	SVGA (800x600)
Brightness	3,800 lumens
Contrast ratio	22,000:1
Native aspect ratio	4:3
Aspect ratio - compatible	16:9
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15Khz
Vertical scan rate	50 ~ 85(120 for 3D)Hz
Uniformity	75%
Screen size	0.71m ~ 7.73m (27.78" ~ 304.4") diagonal
Lamp info	
Light source type	Lamp
Lamp watts	203
Lamp life hours (up to)	6000 (Bright), 12000 (Dynamic), 10000 (Eco), 15000 (Eco+)
Optical	
Throw ratio	1.94:1 ~ 2.16:1
Projection distance (m)	1m - 12m
Zoom	1.1
Zoom type	Manual
Focal length (mm)	21.85 ~ 24
Native offset	115%
Connectivity	
Connections	**Inputs** 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm **Outputs** 1 x Audio 3.5mm, 1 x USB-A power 1A
General	
Noise level (typical)	27dB
Noise level (max)	29dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Card style
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control Battery Basic user manual
Optional wireless models	HDCast Pro, QuickCast Bundle, WHD200
Power	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	187W
Power consumption (max)	225W
Weight and dimensions	
Dimensions (W x D x H) mm	316 x 244 x 108
Gross weight	3.55 kg
Net weight	3.01 kg

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