W320UST
Ultra short throw projector

- **Bright WXGA projector - 4000 ANSI lumens**
- **Ultra short throw lens - 100" image from less than half a metre away**
- **Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands**
- **Easy connectivity - 2x HDMI and built-in 16W speaker**

The W320UST is perfect for businesses, schools and colleges. It is bright (4,000 lumens) and a throw ratio of 0.27:1 means that it can project a 100" image from less than 0.5m away. And having the projector installed so close to the screen avoids any shadows being cast across the screen from the presenter(s).

It provides a complete package for engaging learning with many new features, including two HDMI inputs, powered USB port, powerful 16W built-in speaker, improved lamp life, compact chassis and a completely new mounting system for a fast and simple set-up.

Specifications

Display/image
Display technology	DLP
Resolution	WXGA (1280x800)
Brightness	4,000 lumens
Contrast ratio	20,000:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3, 16:9
Keystone correction - vertical	15
Horizontal scan rate	15.3 ~ 91.1Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	85%
Screen size	2.16m - 2.92m (85in - 115in)(Diagonal)

Lamp info
Light source	Lamp
Lamp watts	260
Lamp life (hours)	3000 (Bright), 5000 (Dynamic), 5000 (Eco), 6500 (Eco+), 10000 (Education)
Lamp life (education)	10,000 hours

Optical
Throw ratio	0.27:1
Projection distance (m)	0.49m - 0.66m
Zoom type	Fixed
Focal length (mm)	3.72
Native offset	117%

Connectivity
Connections	**Inputs** 2 x HDMI 1.4a 3D support, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&R
	Outputs 1 x VGA shared with VGA2, 1 x Audio 3.5mm, 1 x USB-A power 2A
	Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service, 1 x 3D sync

General
Noise level (typical)	28dB
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	24 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	16W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual

Networking
LAN - control	Yes

Power
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	200W
Power consumption (max)	235W

Weight and dimensions
Net weight	4.78kg
Dimensions (W x D x H) (mm)	385 x 310 x 120