







- Bright Full HD 1080p 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 EH320UST 1080p ultra short throw projector is perfect for businesses, schools and colleges. Its bright 4000 lumens and throw ratio of 0.25:1 means that it can project a 100" image from just 55cm 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 setup.

Specifications

EAN: 5055387628625, Colour: W	lbito
LAN. 5055507 020025, 001001. W	TILE
Display/image	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4.000 lumens
Contrast ratio	20.000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-5°
Horizontal scan rate	15.3 ~ 91.1Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	85%
Screen size	2.03m ~ 2.54m (80" ~ 100") diagonal
Lamp info	
Light source type	Lamp
_amp watts	260
Lamp life hours (up to)	3000 (Bright), 5000 (Dynamic), 5000 (Eco), 6500 (Eco+),
	12000 (Education)
_amp life (education)	12.000 hours
Optical	
Throw ratio	0.25:1
Projection distance (m)	0.45m - 0.59m
Zoom type	Fixed
Focal length (mm)	3.72
Native offset	118%
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
Noise level (max)	30dB
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
iponomy	
2D compatibility	
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H///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) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack:
	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p,
3D compatibility	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack:
3D compatibility 3D	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D
2D compatibility 3D compatibility 3D Security OSD / display languages	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D compatibility 3D Security OSD / display languages	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese
3D compatibility 3D Security DSD / display languages Operating conditions	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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
3D compatibility 3D Security DSD / display languages Operating conditions Remote control	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function
3D compatibility 3D Security	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m 1 16W AC power cord Remote control 2x AAA batteries Basic user manual
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3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Networking	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 MW AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit,
3D compatibility 3D Security DSD / display languages Deparating conditions Remote control Speaker count Watts per speaker n the box Deptional wireless models Networking LAN - control	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480//p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C - 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200
BD compatibility BD Security DSD / display languages Deparating conditions Remote control Speaker count Watts per speaker n the box Deptional wireless models Networking LAN - control Power	 SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480//p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C - 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power supply	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480//p, 576i/p, 720p(50/60Hz), 1080(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power supply Power consumption (standby)	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200 Yes
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3D compatibility 3D Security OSD / display languages Derating conditions Remote control Speaker count Watts per speaker In the box Dptional wireless models Networking LAN - control Power Power supply Power consumption (standby) Power consumption (max)	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200 Yes
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Attitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200 Yes
3D compatibility 3D Security OSD / display languages Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Networking LAN - control Power supply Power consumption (standby) Power consumption (min)	SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz) Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D Security bar, Kensington Lock, Password protected interface 23 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 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m Data remote with laser and mouse function 1 16W AC power cord Remote control 2x AAA batteries Basic user manual HDCast Pro, QuickCast Bundle, QuickCast starter kit, WHD200 Yes 100 ~ 240V, 50 ~ 60Hz 0.5W 260W 310W





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