

EH515TST

A Powerful Short Throw solution

- Geometry correction 4 corner
- Vertical and horizontal lens shift
- HDBaseT™ connectivity
- 5000 lumens 1080p DLP projector



EH515TST

Designed for demanding professional installations. The high-specification EH515TST Short Throw projector boasts a brightness of 5,000 lumens and is connection ready with HDBaseT, two HDMI inputs, MHL compatibility, DisplayPort and multiple analogue and audio connections. Equipped with four corner geometric correction and an impressive lens shift, the flexibility of the EH515TST ensures the image is exactly where it is meant to be, even on uneven walls and when projector placement is awkward.

Spezifikation

| Contrast | Display Technology | Single 0.65" 1080p DLP® Technology by Texas Instruments |
|---|---|---|
| ANSIG Contrast 10,000-1 | Resolution | 1080p 1920 x 1080 |
| AMSI Contrast Diliche Lampenlebensdauer ² Ecol Bright 5000/3000 (hrs) Throw Ratio 0.79:1 200m Type Fixed 1.70% (constraints apply see user manual for details) 1.70 | Brightness ¹ (Bright Mode) | 5000 ANSI Lumens |
| Deliche Lampenlebensdauer | Contrast | 10,000:1 |
| Throw Ratio | ANSI Contrast | 10,000 :1 |
| Throw Ratio | Übliche Lampenlebensdauer ² Eco/Bright | 5000/3000 (hrs) |
| Lens Shift Vertical: +25 Horizontal: +7-10% (constraints apply see user manual for details) I/O Connectors | | 0.79:1 |
| In International Companies Internationa | Zoom Type | Fixed |
| In International Companies Internationa | | Vertical: +25 Horizontal: +/-10% (constraints apply see user manual for details) |
| Keystone Correction ± 30° Vertical ± 30° Horizontal Weight (kg) 6.1 Dimensions (W x D x H) (mm) 424 x 344 x 160 Aspect Ratio 16:9 Native, 16:10/4:3 Compatible Offset 10:9% - 130% Projection Screen Size 28.59° - 303 Projection Distance 0.5 ~ 5.3m Projection Les Fr2.5~3.39 f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576/ip, NTSC 480/ip, HD 720p/1080i/1080p 3D Support Full 30 - The 30 features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 30 educational or 3D design and modelling systems. 3D Compatibility PAL SECAM 576/ip, NTSC 480/ip, HD 720p/1080i/1080p 3D Compatibility Side-by-Side-1080/ib O, 720p50 / 60 Orendation of Side-1080 in Control (Side-1080) Side-by-Side-1080/ib O, 720p50 / 60 Horizontal Scan Rate 15.375~9.1146 KHz Vertical Scan Rate 24~85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) | I/O Connectors | 1 x HDBaseT™(RJ-45) 2 x HDMI (1.4a 3D support) + MHL, DisplayPort, 2 x VGA (YPbPr/RGB), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic In, Audio Out 3.5mm, VGA Out, RS232, USB-A Power (1.5A), USB mouse/service, RJ45, 12V |
| Weight (kg) 6.1 Dimensions (W x D x H) (mm) 424 x 344 x 160 Aspect Ratio 16.9 Native, 16:10/4:3 Compatible Offset 105% - 130% Projection Screen Size 28.59° - 303 Projection Distance 0.5 - 5.3m Projection Lens F72.53.39; f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576/p, NTSC 480/p, HD 720p/1080/1080p 3D Support Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems, 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Horizontal Scan Rate 15.375~91.146 KHz Vertical Scan Rate 24~ 85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Power Supply 100-240V, 60-60Hz | Speaker | 2 x 10W |
| Dimensions (W x D x H) (mm) 424 x 344 x 160 Aspect Ratio 16:9 Native, 16:10/4:3 Compatible Offset 105% ~ 130% Projection Screen Size 28.59" ~ 303 Projection Lens F72.5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576½, NTSC 480½, HD 720µ10801/1080p 3D Support Full 3D - The 3D Teatures of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sonniy® PS3 or Microsof® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:10801507 60, 720p507 60 Frame-pack: 1080p24, 720p507 60 Frame-pack: 1080p24, 720p507 60 Horizontal Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24-85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Power Supply 10.240V, 50-60Hz Power Consump | Keystone Correction | ± 30° Vertical ± 30° Horizontal |
| Aspect Ratio 16:9 Native, 16:10/4:3 Compatible Offset 105% ~ 130% Projection Screen Size 28.59" ~ 303 Projection Distance 0.5 ~ 5.3m Projection Lens F72.5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility UXGA, SSGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576½, NTSC 480½, HD 720p10801/1080p 3D Support Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080160 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24-85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Weight (kg) | 6.1 |
| Offset 105% ~ 130% Projection Screen Size 28.59" ~ 303 Projection Distance 0.5 ~ 5.5m Projection Lens F/2.5~3.9; f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576/Ip, NTSC 480/Ip, HD 720p/1080i/1080p 30 Support Full 30 - The 30 features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sonly® PS3 or Microsoff® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Vertical Scan Rate 15.375-91.146 KHz Vertical Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24-85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Dimensions (W x D x H) (mm) | 424 x 344 x 160 |
| Projection Screen Size 28.59" - 303 Projection Distance 0.5 ~ 5.3m Frojection Lens F/2,5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p 3D Support Full 30 - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Pore-pack: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375~91.146 KHz Vertical Scan Rate 15.375~91.146 KHz Vertical Scan Rate 24* 85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level 28db Power Consumption 365W Operating Conditions 5 ~ 40°C Security Kensington Lock, Password Protection Remote Contr | Aspect Ratio | 16:9 Native, 16:10/4:3 Compatible |
| Projection Distance 0.5 − 5.3m Projection Lens F72.5 − 3.95; = f17.63 − 31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576/ip, NTSC 480/ip, HD 720p/1080/i1080p Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080(50 / 60, 720p50 / 60 Frame-pack: 1080(24, 720p50 / 60 Over-Under: 1080(24, 720p50 / 60 Over-Under: 1080(24, 720p50 / 60 Vertical Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24 − 85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level 28b Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Offset | 105% ~ 130% |
| Projection Lens F/2.5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p 3D Support Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsof® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side-1308105 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Vertical Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24~85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level 28db Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Projection Screen Size | 28.59" ~ 303 |
| Uniformity 80% Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p 3D Support Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsofite Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080150 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Power-Under: 1080p24, 720p | Projection Distance | 0.5 ~ 5.3m |
| Computer Compatibility UXGA, SXGA+, HD, WXGA, XGA, SVGA Video Compatibility PAL SECAM 576/ip, NTSC 480/ip, HD 720p/1080i/1080p 3D Support Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080f26 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375~91.146 KHz Vertical Scan Rate 24~85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Power Supply 10-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Projection Lens | F/2.5~3.39; f=17.63~31.36mm, 1.8x Manual Zoom |
| Video Compatibility PAL SECAM 576i/p, NTSC 480i/p, NTSC 480i/p, NTSC 480i/p, NTD 720p/1080i/1080p 3D Support Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080is0 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24 × 85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Uniformity | 80% |
| Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375-91.146 KHz Vertical Scan Rate 24-85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Noise Level (Eco mode) 365W Bright mode, 292W Eco mode, <0.5W Standby mode Lamp Type 365W Operating Conditions 5 ~ 40°C Security Kensington Lock, Password Protection Remote Control Full IR Remote and Wired Remote Option Standard Accessories AC power cord, VGA cable, remote control, battery, quick start card, CD user manual Optional Wireless Ja RoHS Compliant DICOM Simulation Mode Yes | Computer Compatibility | UXGA, SXGA+, HD, WXGA, XGA, SVGA |
| with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Biu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification. 3D Compatibility Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375~91.146 KHz Vertical Scan Rate 24~85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 28 Noise Level 28db Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode Lamp Type 365W Operating Conditions 5 ~ 40°C Security Kensington Lock, Password Protection Remote Control Full IR Remote and Wired Remote Option Standard Accessories AC power cord, VGA cable, remote control, battery, quick start card, CD user manual Optional Accessories DLP® Link™ 3D glasses, wireless, ceiling mount DICOM Simulation Mode Yes | Video Compatibility | PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p |
| Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Horizontal Scan Rate 15.375~91.146 KHz Vertical Scan Rate 24~ 85 Hz (120Hz for 3D feature) Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level (Eco mode) 284 Noise Level (Eco mode) 284 Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode Lamp Type 365W Operating Conditions 5~ 40°C Security Kensington Lock, Password Protection Remote Control Full IR Remote and Wired Remote Option Standard Accessories AC power cord, VGA cable, remote control, battery, quick start card, CD user manual Optional Accessories Ja RoHS Compliant DICOM Simulation Mode Yes | 3D Support | with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D |
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| Displayable Colours 1.07 Billion Noise Level (Eco mode) 28 Noise Level 28db Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Horizontal Scan Rate | 15.375~91.146 KHz |
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| Noise Level 28db Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Displayable Colours | 1.07 Billion |
| Power Supply 100-240V, 50-60Hz Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Noise Level (Eco mode) | 28 |
| Power Consumption 365W Bright mode, 292W Eco mode, <0.5W Standby mode | Noise Level | 28db |
| Lamp Type 365W Operating Conditions 5 ~ 40°C Security Kensington Lock, Password Protection Remote Control Full IR Remote and Wired Remote Option Standard Accessories AC power cord, VGA cable, remote control, battery, quick start card, CD user manual Optional Accessories DLP® Link™ 3D glasses, wireless, ceiling mount Optional Wireless Ja RoHS Compliant DICOM Simulation Mode Yes | Power Supply | 100-240V, 50-60Hz |
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| Remote Control Full IR Remote and Wired Remote Option Standard Accessories AC power cord, VGA cable, remote control, battery, quick start card, CD user manual Optional Accessories DLP® Link™ 3D glasses, wireless, ceiling mount Optional Wireless Ja RoHS Compliant DICOM Simulation Mode Yes | Operating Conditions | 5 ~ 40°C |
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| Optional Accessories DLP® Link™ 3D glasses, wireless, ceiling mount Optional Wireless Ja RoHS Compliant DICOM Simulation Mode Yes | Remote Control | |
| Optional Wireless Ja RoHS Compliant DICOM Simulation Mode Yes | | |
| ROHS Compliant DICOM Simulation Mode Yes | Optional Accessories | DLP® Link™ 3D glasses, wireless, ceiling mount |
| DICOM Simulation Mode Yes | | Ja |
| | RoHS | Compliant |
| Features V/H Lens Shift, Crestron RoomView®, PJ-Link | DICOM Simulation Mode | Yes |
| | Features | V/H Lens Shift, Crestron RoomView®, PJ-Link |