

LAMP-FREE PROJECTORS

EcoBright ZX210ST / ZW210ST



EASY AND LAMP FREE



Good for the Earth — Reduces power usage and eliminates the need for lamps



Virtually maintenance free — Ultimate reliability and no need to change filters or lamps



Save time and money — Less cost associated with maintenance and energy use



Minimal performance degradation over time — LED/laser technology stays bright



Optoma's laser/LED projectors bring together innovative technologies that make them light, bright and easy to use and maintain. These lamp-free projectors help businesses and educators deliver their message effectively while reducing their carbon footprint. Further, the maintenance-free light source lasts over 20,000 hours, ensuring that these projectors give years of service without needing to replace bulbs or dispose of them. The ZX210ST and ZW210ST, which incorporate a short-throw design and weigh about nine pounds, deliver business-ready brightness of 2000 lumens, while 100,000:1 contrast ratio ensures crisp and clear text. Whether for classroom or meeting room, wireless capabilities and Crestron® certification allow for remote management and control to support quick and easy usage.

CONNECTIVITY (May require optional accessories)



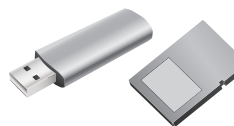
COMPUTERS



SMART PHONES



TABLETS



USB

SD Card



BLU-RAY/DVD PLAYERS



SET TOP BOXES



CAMCORDERS



GAME CONSOLES



DIGITAL CAMERAS

LAMP-FREE PROJECTORS – EcoBright ZX210ST, ZW210ST

OPTICAL/TECHNICAL SPECIFICATIONS

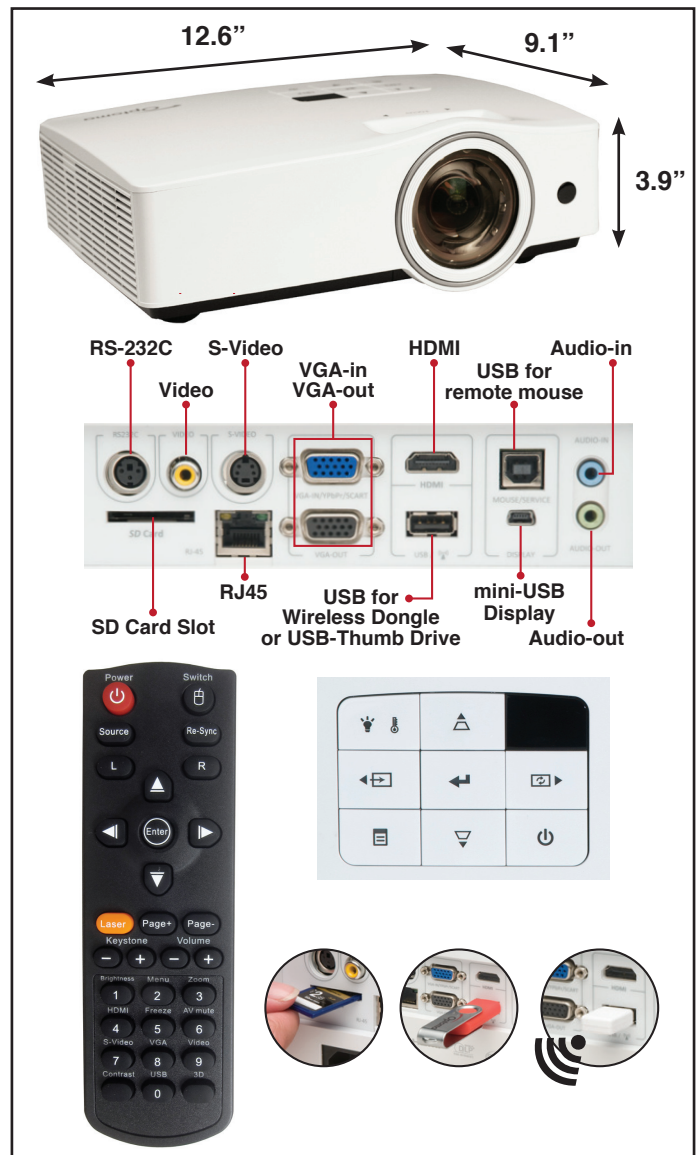
Display Technology	ZX– Single 0.55" DMD DLP Technology ZW– Single 0.65" DMD DLP Technology
Native Resolution	ZX– XGA (1024 x 768) ZW– WXGA (1280 x 800)
Brightness	2000 LED lumens
Contrast Ratio	Up to 100,000:1
Displayable Colors	1.07 Billion
Light Source Life and Type	20,000 hours, LED / Laser Hybrid
Projection Method	Front, rear, ceiling mount, table top
Keystone	+/- 40 Vertical
Uniformity	> 80%
Aspect Ratio	ZX– 4:3 Native; 16:9 and 16:10 compatible ZW– 16:10 Native; 16:9 and 4:3 compatible
Throw Ratio (Distance/Width)	ZX– 0.626 ZW– 0.52
Projection Distance	1.3' to 16.4' (.4 to 5m)
Image Size (Diagonal)	ZX– 39.3" to 300" (0.99 to 7.62m) ZW– 44.6" to 300" (1.3 to 7.62m)
Projection Lens	ZX– F=2.8, f=7.02mm ZW– F=2.8, f=7.34mm
Offset	ZX–115% ZW–112%
Audio	Two 5-watt speakers
Noise Level (STD/Bright)	32dB/34dB
Remote Control	IR remote mouse control with laser
Operating Temperature	41° to 104°F (5° to 40°C), 80% max humidity
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Power Consumption	130W typical <0.5W standby power

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA, VESA, PC and Macintosh compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
Vertical Scan Rate	25 to 85 Hz, 120Hz
Horizontal Scan Rate	15.3 to 91.1 KHz
User Controls	Complete on-screen menu in 23 languages
I/O Connection Ports	HDMI, VGA-in, mini-USB for display, USB for wireless, VGA-out, S-Video, composite video, audio-in, audio-out, SD card, RJ45 and mini-din RS-232
Loop Through (Audio, VGA)	Monitor: D-sub 15-pin VGA output (functional in both normal and standby modes)
Office Viewer Compatibility	MicroSoft PowerPoint, Word, Excel, .txt, Adobe PDF
Video File Compatibility	H.264 (AVI, MOV, MP4, 3GP), MPEG4 (AVI), Xvid (AVI, MPEG (AVI)
Image File Compatibility	JPEG, BMP

PHYSICAL SPECIFICATIONS

Security	Kensington® lock
Weight	9.4 lbs (4.3kg)
Dimensions	12.6" x 3.9" x 9.1" (321 x 100 x 231 mm)
Carton Dimensions	19.5" x 13.1" x 7.2" (495 x 332 x 183mm)



Warranty

Three-year Optoma Express Replacement Service or 10,000 hours on light source, whichever comes first

What Comes in the Box

Projector, AC power cord, VGA cable, remote control, batteries for remote, user's guide (CD), quick start card, warranty card, lens cap

Optional Accessories

White dual-stud wall mount, mini USB WiFi dongle, HDMI cable, VGA to component cable, composite video cable, Optoma screens, case

Part numbers

Remote control: BR-5038L
Screen: DS-9092PMG

Case: BK-4028
White dual-stud wall mount: BM-3004U

UPC

ZX210ST: 796435 41 767 3
ZW210ST: 796435 41 768 0

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Optoma
Projector Expert