

# PJD8653ws

Ultra Short Throw Networkable WXGA Projector

Engage Your Audience with Dual Interactive Pens†



## Overview

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The ViewSonic® PJD8653ws is an interactive and networkable WXGA DLP® ultra short throw projector that delivers widescreen presentations from a short distance. With an ultra short throw lens, the PJD8653ws can project an 81" image from only 2 feet away. With an optional interactive package, the PJD8653ws supports dual interactive pens for collaborative learning and turns any surface into an interactive whiteboard. Built with BrilliantColor™ technology, this projector produces vibrant colors, while 3000 ANSI lumens and 15000:1 contrast ratio deliver sharp images. Equipped with Crestron® LAN controller, the PJD8653ws makes it easy for IT admin to remotely control and manage multiple projectors from their workstations. Certified with AMX® Device Discovery™, the PJD8653ws easily integrates into any size campus or enterprise. In addition, the PJD8653ws is packed with advanced features including HDMI, two integrated 8-watt speakers, auto keystone correction, and DynamicEco™. The PJD8653ws is the perfect widescreen projector for small classrooms and meeting rooms.

## Features

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Normal 15,000:1 Contrast Ratio

### Bright Images for Classrooms & Meeting Rooms

Packed with 3,000 lumens and a high contrast ratio of 15,000:1 (w/ DynamicEco™), the PJD8653ws is guaranteed to produce bright widescreen images in classrooms and corporate environments.



### Optional Dual Interactive Pens for Collaborative Learning

With the optional interactive package (PJ-PEN-003), the PJD8653ws becomes an interactive projector that transforms any surface into an interactive whiteboard. Along with the included LightPen3 software, the dual interactive pens allow 2 users to simultaneously annotate, write, or draw on the projected image. This feature encourages collaboration and engages the audience.



### Widescreen Brilliance

With a native 1280x800 (WXGA) resolution, the PJD8653ws wide format projector offers a tremendous degree of flexibility and compatibility. Whether connecting a widescreen notebook in the conference room, or watching 720p / 1080p HD content in the classroom, a distortion-free image with matching aspect ratio is guaranteed.



### Project Large, Stunning Images in Small Places

With an ultra short throw lens, the PJD8653ws can project a 81" image from only 2 feet away—making it perfect for small rooms with space limitations. In addition, blinding lights in front of the presenter, distracting shadows on the projected image, or glaring hotspots on the whiteboard, are all eliminated because the projector's light source is closer to the screen.

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### 3D Blu-ray Ready HDMI

HDMI delivers the highest picture and sound quality without degradation. Equipped with the latest HDMI, ViewSonic's PJD8353s projector can display 3D images directly from 3D Blu-ray® players—perfect for connecting to any HDMI-enabled devices such as PCs, laptops, tablets, and media players.



### Reliable Picture Quality

ViewSonic's DLP projectors provide reliable picture quality you can trust—even after thousands of hours of usage. Built on DLP technology, the ViewSonic PJD8653ws projector virtually eliminates image degradation known as "color decay" – a yellow/ faded tint that LCD projectors may develop after extended use. Even after years of use, the PJD8653ws will still produce stunning, sharp images that last.



### Engage the Attention of Your Audience

With the DynamicEco button on the remote control, take command of presentations by dimming the screen brightness by 70%. This feature allows presenters to easily shift the audience's focus when the projector is not in use. The projector will also auto activate DynamicEco when idle. When DynamicEco is activated the lamp's power consumption is significantly reduced – a great energysaving design for low total cost of ownership (TCO).



### Network Monitoring & Control

IT admin can monitor, schedule, and manage the projector remotely, as well as receive projector status alerts, with the integrated Crestron® e-Control™ system and RoomView Express™ management software. Because the PJD8653ws is Crestron® and AMX® certified, IT admin can control and monitor multiple projectors for any size campus or enterprise.

## Technical Specifications

### COMPATIBILITY

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	PC	VGA to 1600x1200 UXGA
	Mac®	Up to UXGA (may require MAC adaptor)
<b>DIMENSIONS</b>	Physical (WxHxD)	14.1 x 9.9 x 14.4 in. / 357 x 231 x 367 mm
	Packaging	15.0 x 13.5 x 9.5 in. / 466 x 451 x 355 mm
<b>INPUT SIGNAL</b>	Frequency	Fh: 31–100KHz, Fv: 48–120Hz
	Computer and Video	NTSC M (3.58 MHz), 4.43MHz, PAL (B, D, G, H, I, M, N, 60), SECAM (B, D, G, K, K1, L), SD 480i and 576i, ED 480p and 576p, HD 720p, 1080i, 1080p
<b>CONNECTOR</b>	Audio Out	3.5mm mini jack (x1)
	S-Video Input	4-pin mini-DIN
	Audio Input	RCA L/R (x2)
	Control	RS-232 (DB-9)
	USB	Mini Type B (interactive, mouse control and service)
	Component-In	15-pin mini D-sub (x2, shared with RGB)
	Digital-In	HDMI
	Composite Input	RCA jack
	LAN	RJ45
	RGB Input	15-pin mini D-sub (x2)
	RGB Output	15-pin mini D-sub
	Microphone in	3.5mm mini jack (x1)
	DC 12V Trigger	3.5mm plug 12V/1A
PC Audio Input	3.5mm mini jack (x2)	
<b>POWER</b>	Voltage	100~240VAC (Auto Switching), 50/60Hz (universal)
	Consumption	300W (typ) / <0.5W (stand-by mode)
<b>CONTROLS</b>	Basic	Power, keystone/arrow keys, left, menu/exit, right, source, enter
	OSD	Picture, Video/Audio, Setting, Option, Language, Information (See user guide for full OSD functionality)
<b>DISPLAY</b>	Contrast Ratio	15,000:1 (w/ DynamicEco™)
	Display size	Focus: 70 – 100 in. / 1.8 – 2.5 m (diagonal) Visible: 47 – 150 in. / 1.2 – 3.8 m (diagonal) Active: 60 – 100 in. / 1.5 – 2.5 m (with optional PJ-PEN-003)
	Aspect Ratio	16:10 (native)
	Throw Distance	1.7 – 2.5 ft. / 0.52 – 0.76 m
	Throw Ratio	0.35:1
	Lamp type	240 watt

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Brightness	3000 Lumens
Color Wheel	6-seg RGBCYW / 7200rpm
Lamp life ( Normal / Eco / Dynamic Eco )	3500 / 5000 / 7000 hours* (Normal / Eco-mode / DynamicEco)
Type	0.55" Digital Micromirror Device (DLP™)
Resolution	WXGA 1280x800 (native)
Keystone	Vertical digital keystone correction (+/- 20°)
Lens	Fixed zoom / Manual optical focus
Color Depth	30 bits, 1.07B Color (10+10+10)

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<b>NOISE LEVEL</b>	Normal	34dB
	Eco-mode	32dB

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<b>AUDIO</b>	Speakers	8-watt (x2)
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<b>WEIGHT</b>	Gross	23.2 lbs. / 10.5 kg
	Net	16.1 lbs. / 7.3 kg

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<b>OPERATING CONDITIONS</b>	Humidity	10%–90% (non-condensing)
	Temperature	32°F–104°F (0°C–40°C)
	Altitude	0~6,000 ft (1,800m), operational up to 10,000 ft (3,048m)

## ViewSonic® Limited Warranty

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ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

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