Pro8520HD

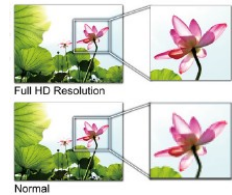## Full HD Networkable DLP Projector with High Brightness

Overview

ViewSonic's industry leading projector, the Pro8520HD, is a Full HD 1080p model that delivers superior and stunning HD image quality onto 30~300" screen. With 5,000 lumens, the Pro8520HD ensures every pixel will stay crystal clear on the large venue even with the wide range of brightness settings. The Pro8520HD supports a Crestron RoomView® network management system that efficiently controls and manages all the projectors in the system from a central terminal. Through a RJ45 connection, the Pro8520HD can simultaneously display inputs from 4 different computer screens, provided all devices are connected to the same intranet. This facilitates the development of synergy among the participants. For a PC less presentation, it can also be operated by just plugging in an USB flash to enjoy the content immediately. With 1.5x optical zoom, it enlarges the screen image and fit in anywhere. The versatile interfaces, such as HDMI, RGB, S-video, component inputs and integrated speakers and microphone, allow the Pro8520HD to be used as an audiovisual stereo, making it the optimal solution for projection in large lecture rooms, conference rooms, and public demo rooms.

Features

Vivid and crystal clear Full HD 1080p projection in any environment

ViewSonic's Pro8520HD boasts Full HD 1080p native resolution with sophisticated and crisp images. With ultrahigh 5,000 lumens brightness, you'll experience the most lifelike and vibrant images ever, even in bright environments.

LAN projection increases the flexibility of the presentation

Through a LAN connection, the Pro8520 can connect with up to four PCs to simultaneously display all screens in a single projection. This allows users to share multiple resources to efficiently communicate in educational and professional environments.

Wireless Display via WiFi

By plugging-in an optional WiFi USB dongle, such as ViewSonic's WPD-100, into the Pro8520HD, you can now connect any WiFi equipped laptop to the Pro8520HD for image and audio transmission.

Wide 1.5x optical zoom adjustment

The Pro8520HD features a 1.5x all-glass optical zoom lens to deliver high brightness, sharp images, and superior color performance. This zoom lens enables it to cast images up to 40% larger than a conventional projector, rendering greater flexibility when mounted to the ceiling.

An USB reader creates PC-less presentation

This projector supports a USB reader that accesses files directly from an USB flash drive, rendering a PC-free projection.

Crestron RoomView® network management system

Crestron RoomView® provides an advanced, real-time alert system that simplifies maintenance efforts by sending updates on the power status, lamp lifespan, and unit presence directly to your PC. It also automates device functions such as power on/off, and broadcasts urgent messages via closed captioning.

BrilliantColor technology and 3D ready

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ViewSonic integrates BrilliantColor™ technology into the Pro8520HD to construct digital colors that deliver stunning, vibrant images. The advanced 6-segment color wheel specifically enriches the performance of yellow and further augments overall color reproduction to ensure a defined picture quality. The 3D DLP® Link technology brings presentations to life by supporting an image update frequency of 120Hz for a 3D stereoscopic effect.

Versatile digital interface and input/output

The Pro8520HD features a wide range of compatibility for high-definition content input including HDMI, Composite, S-video, and VGA input. The pair of 10W speakers, complemented with a microphone input, provides high volume audio without the need for external speakers.

Easy and quick connection via USB Display

The Pro8520HD carries an USB Display function that provides an alternative way to set up your presentation easily and quickly by connecting your laptop to the Pro8520HD through an USB cable.

Technical Specifications

COMPATIBILITY	PC	1920 x 1080 @ 60Hz (Native)
	Mac®	1024 x 768@ 75Hz
DIMENSIONS	Physical (WxHxD)	333 x 263 x 122 (mm) 13.11" x 10.35" x 4.8" (inch)
PACKAGE CONTENTS		1.8 Meter Power Cord x1, 1.8 Meter VGA Cable x1, HDMI Cable x1, Laser Remote Control with AAA Batteries, Lens Cap x1, Quick Start Guide (One Sheet Version) x1, ViewSonic CD Wizard (with user manual) x1, Soft Carrying Bag x1, Warranty Card & Sticker (only for China) x1, Air Filter (only for China) x1
AUDIO	Speaker	10W x2
INPUT SIGNAL	Frequency	Horizontal: 31 ~ 91 kHz Vertical: 48 ~ 85 Hz
	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) 480i and 576i 480p and 576p 720p,1080i, 1080p
CONNECTOR	Audio Out	3.5mm mini-stereo Jack x1
	S-Video Input	Mini-Din 4 pin x1
	HDMI (input)	1.3 x2
	RS-232	DB-9 x1
	Audio Input	3.5mm mini-stereo Jack x2 RCA (L/R) Jack x1
	Component-In	Share with RGB x1
	Composite Input	RCA x1
	LAN	RJ45 x1
	USB	Type A for USB Card Reader / FW upgrade Mini B for USB Display
	RGB Input	DB-15 x2
	RGB Output	DB-15 x1
	Microphone in	3.5mm mini-stereo Jack x1
POWER	Voltage	100V ~ 240Vac 50 / 60Hz
	Consumption	TBD
DISPLAY	Contrast Ratio	8,000:1
	Display size	30'' ~ 300'' (diagonal)

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Aspect Ratio		16:9
Throw Distance		0.9M ~ 10M
Throw Ratio		1.4 ~ 2.14
Brightness		5,000 lm
Color Wheel		6-Seg RGBCYW
Keystone Correction		+20 ~ -20
Lamp life (normal/eco-mode)		TBD
Resolution		1920 (H) x 1080 (V)
Lamp		Philips
Lens		1.5X
LANGUAGE		English/ Dutch/French / Spanish/Italian/ Korean/Thai/ Portuguese/ T. Chinese, S. Chinese /Japanese / Russian /German /Swedish /Turkish / Finnish /Polish
WEIGHT	Net	8.5lbs (3.86kg)
OPERATING CONDITIONS	Humidity	10 ~ 90% (non- condensation)
	Temperature	32° ~ 104° F (0° ~ 40° C)
	Altitude	0 ~ 6,000 ft.
CHIPSET		TI DMD 0.65

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