EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

Projectors

Interactive

BrightLink® Pro 1420Wi

Collaborative Whiteboarding Solution



Revolutionize your whiteboard — intelligent, interactive, collaborative solution.

Revolutionize your whiteboard — turn any wall, flat surface or existing dry-erase board interactive; turn on BrightLink Pro and start writing using the included pens

Easy to use — BrightLink Pro is a standalone solution — no computer, software or training is required, so you can operate with ease

Capture, save and share — no need to transcribe whiteboard notes or take a photo; press a button to save, print or email directly from your BrightLink Pro

Extensive whiteboard space — save up to 50 digital pages; no need to erase for more space, just add a new page

Whiteboard sharing — content written digitally can be shared and annotated on simultaneously by both local and remote participants collaborating from mobile devices[2], computers and other BrightLink Pros

Bring your own device (BYOD) — using the Epson iProjection™ App, wirelessly share and display content from iPhone®, iPad® and Android™[2] devices to BrightLink Pro

Dynamic video conferencing display — connect video conferencing equipment for a large 100" display; use Split Screen[3] to simultaneously display people and content side by side

Elegant finish — optional mount available in teak, deep cherry or aluminum; ideal for executive boardrooms; visit www.chiefmfg.com

3x Brighter Colors with Epson Projectors[1]

3LCD

The best-selling projectors #1 Epson Projectors in the world

EPSON
EXCEED YOUR VISION

BrightLink® Pro 1420Wi Collaborative Whiteboarding Solution

Projectors
Interactive

Specifications

Projection System Epson® 3LCD, 3-chip technology
Projection Method Front/wall mount/table
Driving Method Epson Poly-silicon TFT Active Matrix
Pixel Number 1,024,000 dots (1280 x 800) x 3
Color Brightness
Color Light Output: 3300 lumens[4]
White Brightness
White Light Output: 3300 lumens[4]
Interactive Color Brightness
Color Light Output: 3300 lumens[4]
Interactive White Brightness
White Light Output: 3300 lumens[4]
Aspect Ratio 16:10
Native Resolution 1280 x 800 (WXGA)
Lamp Type 245 W UHE
Lamp Life[5] Up to 6000 hours (ECO Mode)
Up to 4000 hours (Normal Mode)
Throw Ratio Range
(16:10) 0.27 – 0.37, (4:3) 0.33 – 0.44, (16:9) 0.27 – 0.37
Size (projected)
Area: 4:3 30" – 90"
16:10 45" – 100"
16:9 45" – 100"
Keystone Correction Manual
Horizontal: ± 3 degrees
Vertical: ± 3 degrees
USB Plug 'n Play
Mac® 10.5 or later
USB Plug 'n Play for Windows® 2000
Contrast Ratio Up to 10,000:1
Color Reproduction 1.07 billion colors

Projection Lens

Type Manual focus
F-number 1.80
Focal Length 3.71 mm
Zoom Ratio Digital zoom 1.0 – 1.35x

Remote Control

Features Source search, power, aspect, color mode, volume, e-zoom, A/V Mute, freeze, menu, help, auto, enter, esc, pointer, user, print, save, capture, whiteboard, pen mode
Operating Angle Front: Right/left: -30 to +30 degrees
Upper/lower: 0 to +60 degrees
Operating Distance 19.7 ft (6 m)

Other

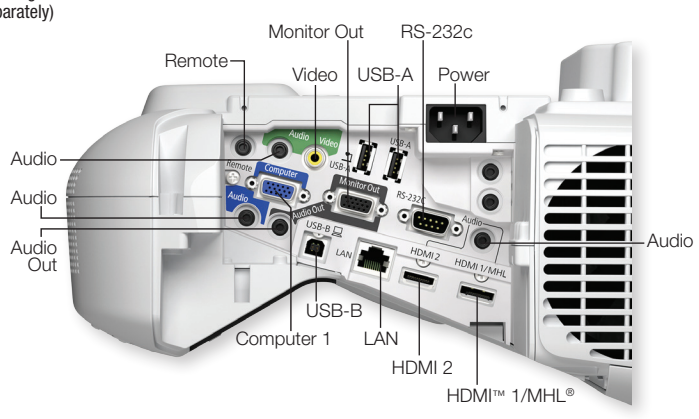
Speaker 16 W monaural
Operating Temperature 41 ° to 95 °F (5 ° to 35 °C)
Power Supply Voltage 100 – 240 V ± 10%, 50/60 Hz
Power Consumption 384 W (Normal Mode)
288 W (ECO Mode)
2.4 W standby (Communication on)
0.31 W Standby (Communication off)
Fan Noise 35 dB (Normal Mode)
28 dB (ECO Mode)
Security Kensington® lock provision, security anchor bar, password protection function

Interactive Specifications

Interactive Area (image size)
60" to 100" diagonal (16:10, WXGA)
Input Input device: Digital pen
Number of pens included: Two
Pen Functions Mouse functions (left and right click), electronic pen, LED battery status indicator

Interfaces

Wireless LAN port: 802.11 b/g/n
(optional – module sold separately)



Interactive Specifications (continued)

Pen Specifications Size: 6.3" (L) x .95" (W)
Weight: 1.1 oz (without battery)
Power AA battery
Compatible Battery Types AA x 1. Manganese dry cell, Alkaline dry cell, Panasonic eneloop® BK-3MCCx
(The suffix "x" can be blank or A-Z.)
Calibration Method Automatic or Manual
Interactive Modes
Whiteboard mode: 2 x pens
PC-free annotation mode: 2 x pens
Computer interactivity mode: 2 x pens
PC-free Annotation Requirements for Computer Interactivity
Connection to the computer via USB cable or Wireless LAN
Software System Compatibility: Epson Easy Interactive Driver
Windows and Linux: No driver required
Mac: Mac OS® X 10.3.9, 10.4.x, 10.5.x, 10.6.x, 10.7.x, 10.8.x
(Included in the box. Also available for unlimited download at Epson.com support page)

Interactive Software

Epson Easy Interactive Tools for Windows/Mac (available for free unlimited download at Epson.com support page)
System Compatibility
Windows XP® SP2, Windows XP SP3 (Home Edition/Professional), Windows Vista®*, Windows Vista SP1*, Windows Vista SP2* (All editions except for Starter), Windows 7**, Windows 7 SP1**, Windows 8** (All editions except for Starter)
Mac 10.9, Mac OS X 10.5.x, Mac OS X 10.6.x, Mac OS X 10.7.x, 10.8.x
* 32-bit versions only
** 32-bit and 64-bit version

Dimensions (W x D x H)

Excluding feet: 14.5" x 14.8" x 7.5"
Weight: 12.3 lb without slide plate
14.1 lb with slide plate

ECO Features

Energy-efficient 3LCD light engine
RoHS compliant
Recyclable product[6]
Epson America, Inc. is a SmartWay℠ Transport Partner[7]

Support

The Epson Connection℠
Pre-sales support U.S. and Canada 800-463-7766
Internet website www.epson.com
www.epson.com/blpro
Service Programs
Two-year projector limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support and 90-day limited lamp warranty

What's in the Box

BrightLink Pro 1420Wi interactive projector, 802.11 b/g/n wireless module, quick user's guide, power cable, USB A/B cable (x3), electronic user manual, interactive driver for Mac, Epson Easy Interactive Tools, Network Management software, projector remote control, control pad, pen case, two (2) interactive pens, two (2) AA batteries (for interactive pens), two (2) AA batteries (for control pad)

Ordering Information

Product Name	Product Code
BrightLink Pro 1420Wi projector	V11H612520
Accessories	**Product Code**
Genuine Epson lamp	V13H010L80
Replacement air filter	V13H134A40
Replacement wireless module	V12H418P12
Quick wireless USB key	V12H005M09
Component video cable HD15/3RCA (male), 3.0 m	ELPKC19
Wall mount	V12H675020
Table projection mount	V12H516020
External speakers	V12H51702
DC20 USB document camera	V12H594020
DC12 document camera	V12H500020
Easy interactive pen A (orange)	V12H666010
Easy interactive pen B (blue)	V12H667010
Replacement pens tips	V12H668010
USB extension cable	V12H525001
90" whiteboard	V12H468002
96" whiteboard	V12H468001

Better Products for a Better Future™
eco.epson.com

SmartWay℠ Transport Partner
Getting There With Cleaner Air

1 Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions.
2 Functionality may vary depending on hardware, application, and/or provider restrictions or limitations. Devices and cables not included.
3 Consult your user manual for input combinations.
4 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.
5 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
6 For convenient and reasonable recycling options, visit www.epson.com/recycle
7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

EPSON is a registered trademark, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future and Epson iProjection are trademarks of Seiko Epson Corporation. BrightLink and PrivateLine are registered trademarks and Epson Connection is a service mark of Epson America, Inc. Mac, Mac OS, iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. SmartWay is a service mark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks.
Copyright 2014 Epson America, Inc. Com-SS-Oct-13 CPD-41340 6/14

Name

Email

Phone Number

Epson America, Inc.
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca