



Because it matters

Dealer's Stamp

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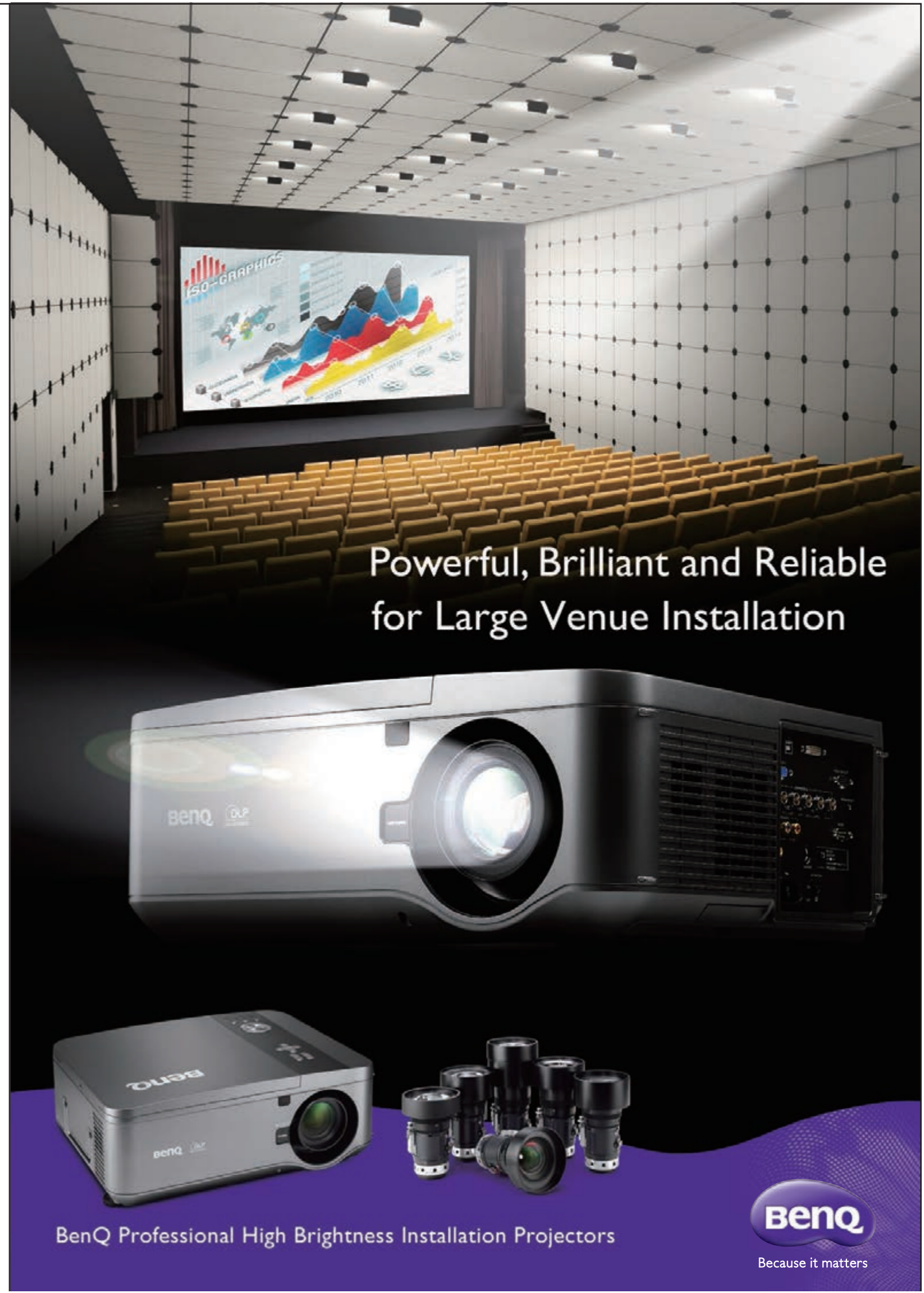
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Powerful, Brilliant and Reliable  
for Large Venue Installation



BenQ Professional High Brightness Installation Projectors



Because it matters



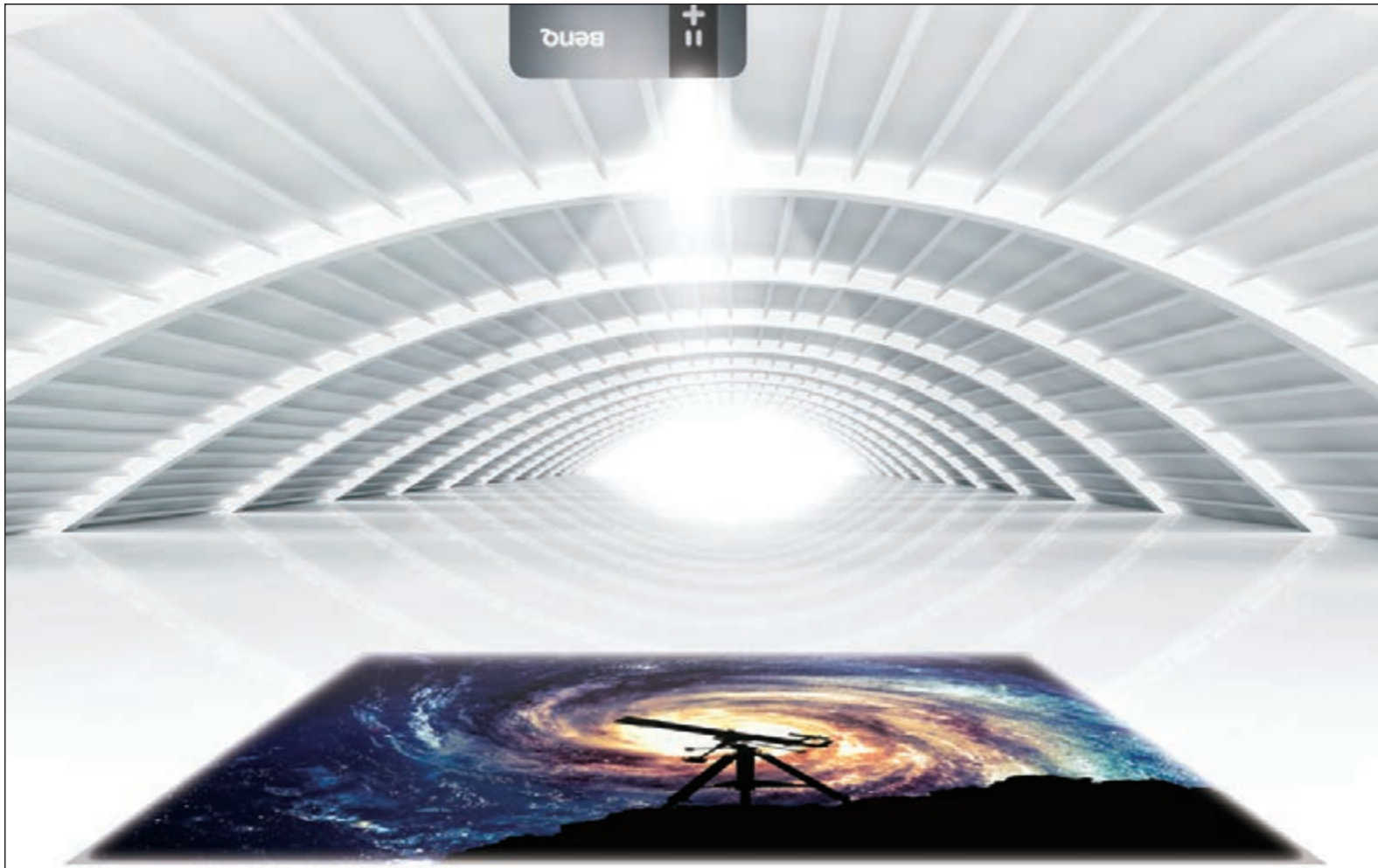
## A Win-Win Projection Choice for High Reliability and High-Impact Visual Communications Across all Venues and Applications

- Great installation and set-up flexibility
- Full-featured with excellent picture quality
- Reliable performance time after time
- Easy operation and minimum maintenance

With longstanding commitment to offering the best projection solution to the fixed installation projector market, BenQ, the world's number-one global DLP® projector brand, delivers industry-leading installation flexibility, picture quality, reliability and ease of use at a low total cost of ownership through its Professional High Brightness Installation Series projectors. Fully featured with unmatched installation advantages such as compatibility with market-leading lens for versatile replacement installations, changeable color wheel, Full HD image quality and built-in 20W speakers, the projectors make a perfect fit for a wide range of venues and applications, from conference rooms to lecture halls and auditoriums, as well as any other installation environments – providing installers with extra installation convenience and empowering presenters to deliver impeccable presentations time after time.



Stellar Performance at Its Finest:  
Professional High Brightness Installation Series by BenQ



# Ultra Flexible Installation

## Engineered to Overcome Installation Challenges with Accuracy and Ease

### Seven Types of Optional Lens

To support optimal projector installation and performance in a wide range of environments, seven types of optical lens ranging from short-throw to long-throw lens are available with glass materials for better focus and large apertures for a brighter image. The lenses are made in Japan to ensure the highest quality.\*

Throw Distance for 200" Diagonal Screen

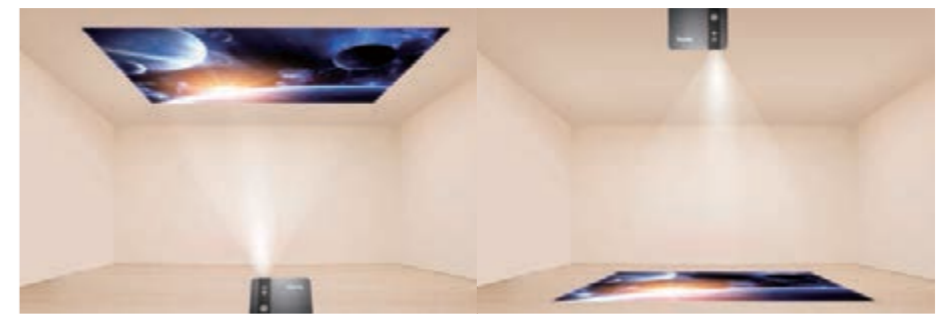
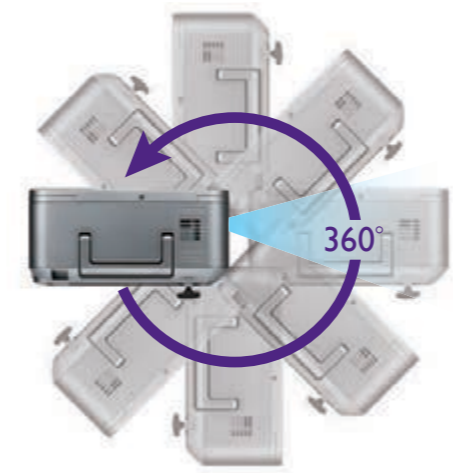
Lens	Zoom	Distance(m)
Wide Fix	Fixed	XGA 3.3
		WXGA 3.54
Ultra Wide	1.25x	XGA 3.1-3.9
		WXGA 3.2-4
Wide Zoom	1.4x	XGA 5.34-7.63
		WXGA 5.75-8.2
Standard	1.3x	XGA 7.36-9.67
		WXGA 7.92-10.4
Semi Long	1.65x	XGA 9.46-15.72
		WXGA 10.17-16.89
Long Zoom1	1.5x	XGA 15.26-22.99
		WXGA 16.41-24.71
Long Zoom2	1.55x	XGA 22.73-35.62
		WXGA 24.45-38.28

### Superior Lens Compatibility

A built-in adaptor for market-leading I-chip DLP lens designs give installers the option of keeping the prime lens of an existing projector – adding more flexibility to replacement installations.\*

### 360° Tilt Projection Capabilities

The flexibility to set up the projectors tilted 360° in either direction around the vertical opens up new possibilities to adopt projector use in any form of space – ceilings, walls or floors of places such as shops, galleries and theaters. This feature also makes possible innovative audiovisual applications, such as creating interactive floor projections. \*\*



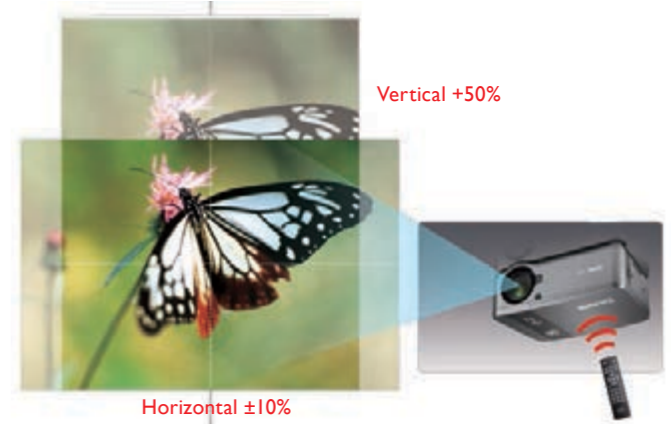
### Motorized Zoom and Focus

A motorized big zoom lens delivers remarkable range of throw distances with simple remote control, greatly improving the flexibility of projector installation as well as lens adjustment and replacement in any venue. Not only extra ceiling mounting or reconstruction work can be avoided but also any inconveniences and safety concerns caused by manual labor – saving time, money and effort in time.\*  
( Wide fix lens not included )



### Motorized Horizontal / Vertical Lens Shift

Lens Shift is a feature often used to overcome projector installation or placement challenges. With the motorized horizontal/vertical lens shift feature, projection adjustments to the projected image can be easily completed with a remote control, whether the projector is placed on a table or mounted in the ceiling.\*  
( Wide fix lens not included )



### Complete Connectivity: Digital, Analog and Networking Control

A complete set of input options from digital and analog to networking control connection terminals gives presenters the freedom to utilize various tools and devices to effortlessly enrich each and every presentation. For installers and projector managers, with integrated RJ45 connection, multiple projectors can be managed readily over LAN. \*\*

\*Available only in PX9600/PW9500  
\*\*Please refer to the feature comparison table for more information



The actual projection of BenQ's high brightness projector at National Palace Museum, Taipei, Taiwan

# Brilliant Image Performance

## Bringing Images to Life with Long-lasting Vibrancy, Vividness and Depth

### Ultra High Brightness

With ultra high brightness powered by BenQ's unique dual lamp design, presenters are able to present with large-sized projection without losing clarity or the attention of their audience. With two lamps at work, presentations can be carried on with optimal brightness even when one lamp goes out, ensuring sharply detailed, interruption-free presentations under just about any light conditions. \*\*



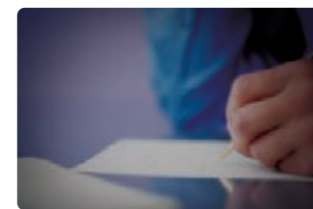
Enhanced Image Quality and Readability Improve Information Processing



Lights-on Presentations for Complete Attention and Concentration



Presenter-Audience Interaction Brings New Light to Presentation Success



Easily Accommodates Note-taking, Discussions and Other Activities

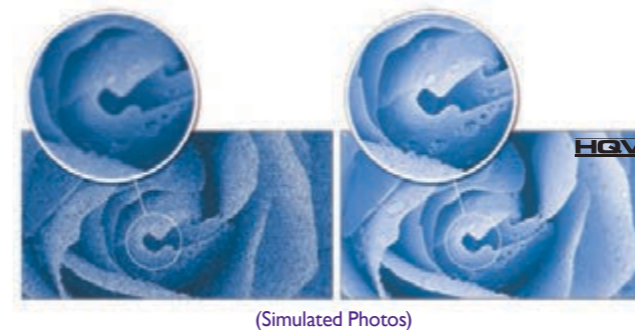
### Ultra High Contrast Ratio

The combined expertise of BenQ's projector know-hows delivers an astounding 50,000:1 contrast at the highest to significantly improve the black level for superbly rendered image definition. \*\*



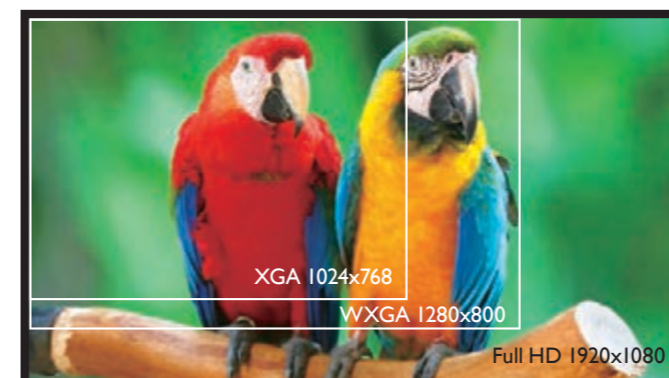
### HQV™ Hollywood Quality Video Image Processing

The sophisticated image-processing engine converts standard definition (SD) and regular HD video sources, analog or digital, to Full HD-like image quality with 80% precisely per-pixel scaled picture quality. As a result, converted HD images are free of the mosquito, block and random noise caused by video compression. \*\*



### Ultra High Resolution

Offering Full HD 1080p resolution as the highest viewing standard, the projectors are built to faithfully display HD content at its native resolution, enabling presenters to present images, charts and graphs without sacrificing clarity. \*\*



\*Available only in PX9600/PW9500  
\*\*Please refer to the feature comparison table for more information

### Interchangeable Color Wheel System

Equipped with BenQ's four-segment color wheel made in collaboration with advanced BrilliantColor™ technology from Texas Instruments, the projectors offers the truest, brightest and liveliest colors. A high-speed, six-segment wheel is available to further boost mid-tone colors to heighten brightness levels for a more life-like picture.\*

Note: The brightness level of 6-segment wheel is lower than 4-segment wheel



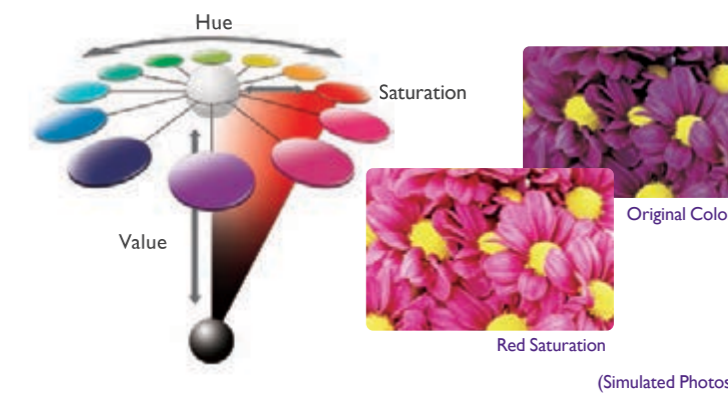
4 segments  
Part Number: 6EJAM01:001



6 segments  
Part Number: 6EJAM02:001

### Independent 3D Color Management for Six Primary Colors

BenQ's exclusive 3D color management tool ensures 100% uncompromised color customization with the freedom to independently fine-tune the hue, grain and saturation levels of all six primary colors (R/G/B/C/M/Y). \*\*



### Long-Lasting Image Perfection with DLP® Technology

**Timeless Image Quality**  
BenQ Projectors use DLP Technology to reflect pure light from millions of micro mirrors on a DMD chip through a color wheel. Since these components are protected within a nearly-sealed engine, BenQ Projectors have virtually no image distortion, a concern non-DLP projectors suffer from due to panel aging. Thus, BenQ models consistently deliver timeless picture excellence over non-DLP models. Additionally, a filter-free design provide long-lasting image quality by avoiding dust damage while simultaneously enhancing contrast.

**Razor-Sharp Clarity with Ultra-Readability**  
DLP features extreme contrast ratios plus a high 96% fill factor, compared to 60-75% in non-DLP models. The noticeable DLP difference is a smoother picture with flawless rendering of small text, fine lines, and dark scene details. Blacks are deeper and overall image quality is more focused and clean.

**Vibrant, True-to-Life Colors**  
BenQ DLP Projectors with BrilliantColor™ are capable of up to six-color processing for the perfect balance of brightness and color accuracy. Even in lit venues, BenQ projectors perfectly capture intense hues and elusive mid-tones like aqua blues and light yellows, whereas non-DLP projectors sacrifice brightness to boost non-primary colors.

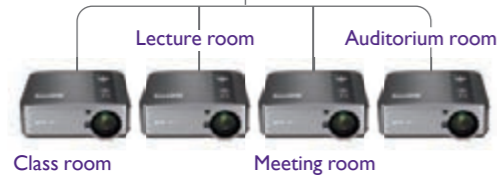


# Low Maintenance for Lowered Cost

Delivering a Low Total Cost of Ownership with Cost-Efficient Solutions



Lan



## Projector Management Through LAN Control

Manage multiple projectors with centralized access and control to save money and resources through LAN Control. Presenters can also utilize this feature to give presentations or lectures across different rooms simultaneously. This feature is compatible with PJ-Link, an open protocol used by various manufacturers. \*\*



## Built-in Dust Filters

The built-in dust filters keep dust and debris away for consistent projection quality and reliability, as well as extended projector life. The filters can be easily cleaned or changed from the right and rear side of the projector even if it is ceiling-mounted. \*\*



## Optimized Cooling System

BenQ's unique projector engine cooling system is optimized to operate the projector at a controlled temperature to ensure reliable projection performance each and every time. The minimized risks of heat damage to sensitive internal components greatly help cut down maintenance and repair costs.



## Anti-Theft Kensington Lock & Lens Lock

To prevent theft, a Kensington lock slot is built to help secure the projectors either to a ceiling mount or an audiovisual equipment cart for added security. In addition to the lock slot is a lens lock for securing the projector lens with a screw to discourage thieves.



# Optimized Operation Flexibility

Thoughtful Features Specifically Designed to Ensure Total Ease of Use



## Wired Remote Control

Wire Remote Control offers projector installers and managers with extra set-up convenience and ease. The added reliability makes the device a dependable choice for projector installation adjustments.\*



## Carrying Handle

With a sturdy carrying handle, the projectors can be easily and safely transported during projector installation or moved from one place to another. \*\*



## Hot Swap Lens Change

To change the lens while the projector is running, such as in the case of an emergency when the installation personal must replace the projector lens within a short period of time. \*\*



## Top Access Lamp & Color Wheel Door

With the projector lamp and color wheel door set on the top of the projector, it is easier, safer and quicker to replace the projector lamp or change the color wheel even if the projector is ceiling mounted. \*\*



## Quick Release Lens Change Button

For fast lens changing, press the Quick-Release Lens Change button. This gives you instant access to the projector lens.\*



## Direct Power On / Signal Power On

The Direct Power On feature turns on the projector automatically whenever it is connected to a power source. The Signal Power On feature turns on the projector automatically once an input signal is detected. \*\*

\*Available only in PX9600/PW9500

\*\*Please refer to the feature comparison table for more information

## Feature Comparison Table



Features						
Installation Flexibility	Optional Lens	V	V	NA	NA	
	Zoom Ratio	varies by different lenses			1.5:1	1.5:1
	Lens Shift	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	
	Powered Lens Shift	V	V	NA	NA	
	360 Degree Projection	V	V	NA	NA	
Brilliant Image Performance	Brightness	6500	5700	6000	4000	
	Resolution	XGA	WXGA	1080P	1080P	
	Contrast	2800:1	2800:1	8300:1	50000:1	
	HQV	NA	NA	V	V	
	3D Color Management	V	V	V	V	
Easy Maintenance	Changeable Color Wheel	V	V	NA	NA	
	Control/Monitor over LAN	V	V	V	V	
Operation Flexibility	Built in Filter	V	V	NA	NA	
	Top Accessed Lamp Door	V	V	V	NA	
	Easy Carry Handle	V	V	NA	NA	
	Direct Power on	V	V	V	V	
	Signal Power on	NA	NA	V	V	



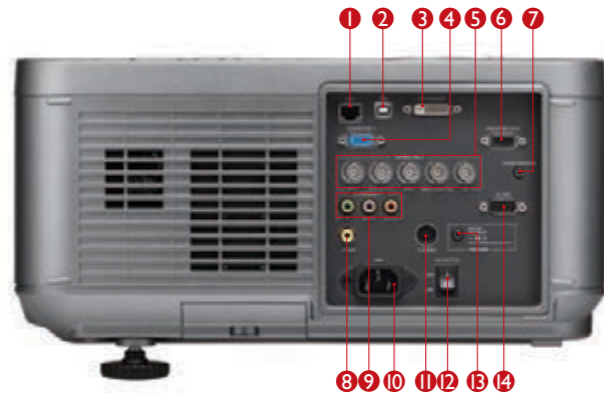
Features					
Installation Flexibility	Optional Lens	NA	NA	NA	NA
	Zoom Ratio	1.5:1	1.6:1	1.5:1	1.5:1
	Lens Shift	NA	Vertical	NA	NA
	Powered Lens Shift	NA	NA	NA	NA
	360 Degree Projection	NA	NA	NA	NA
Brilliant Image Performance	Brightness (ANSI Lumens)	4000	6000	5000	5000
	Resolution	1080P	XGA	XGA	WXGA
	Contrast	11000:1	6500:1	11000:1	7500:1
	HQV	NA	NA	NA	NA
	3D Color Management	V	V	V	V
Easy Maintenance	Changeable Color Wheel	NA	NA	NA	NA
	Control/Monitor over LAN	V	V	V	V
Operation Flexibility	Built in Filter	NA	NA	NA	NA
	Top Accessed Lamp Door	V	V	V	V
	Easy Carry Handle	NA	NA	NA	NA
	Direct Power on	V	V	V	V
	Signal Power on	V	V	V	V

## Lens Specification Table

Model	Picture	Throw Ratio		Part Number
		PX9600 XGA	PW9500 WXGA	
Standard		1.79~2.35:1	1.81~2.38:1	5J.JAM37.001
Ultra Wide		0.77~0.97:1	0.75~0.93:1	5J.JAM37.061
Wide Fix		0.79:1	0.8:1	5J.JAM37.011
Wide Zoom		1.31~1.85:1	1.31~1.87:1	5J.JAM37.021
Semi Long		2.33~3.81:1	2.33~3.86:1	5J.JAM37.051
Long Zoom 1		3.71~5.57:1	3.76~5.64:1	5J.JAM37.031
Long Zoom 2		5.5~8.56:1	5.56~8.67:1	5J.JAM37.041

# Terminals

## PX9600 / PW9500



- |                     |                 |
|---------------------|-----------------|
| 1. LAN              | 8. Video        |
| 2. USB              | 9. Component    |
| 3. DVI-D            | 10. AC Inlet    |
| 4. Computer I       | 11. S-Video     |
| 5. Computer 2 (BNC) | 12. AC Switch   |
| 6. Monitor Out      | 13. I2V Trigger |
| 7. Wired Remote     | 14. RS 232      |

## SH963



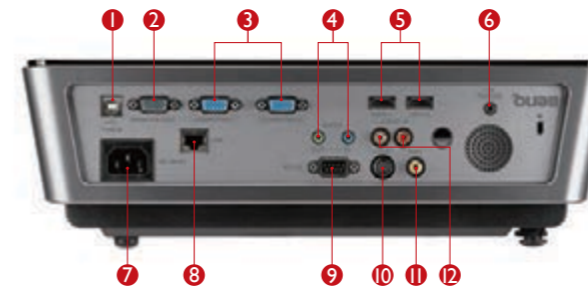
- |             |  |
|-------------|--|
| 1. Audio-IN | 6. Monitor-Out   |
| 2. LAN      | 7. DC-12V  |
| 3. HDMI-1/2 | 8. Computer -I   |
| 4. MINI-B   | 9. Computer-2<br>[H/V/R/P <sub>r</sub> /C <sub>r</sub> /G/Y/B/P <sub>b</sub> /C <sub>b</sub> ] |
| 5. RS-232   | 10. Video  |

## SH940



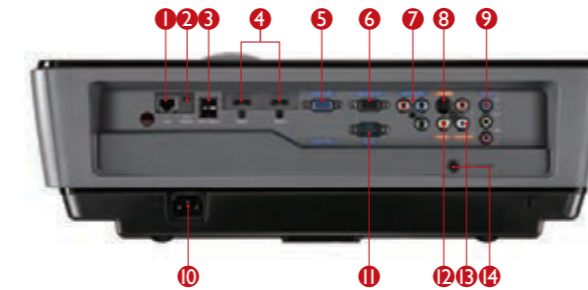
- |                |                     |
|----------------|---------------------|
| 1. LAN         | 7. Computer 2 (BNC) |
| 2. HDMI (1/2)  | 8. Computer I       |
| 3. Video       | 9. Monitor Out      |
| 4. USB         | 10. Audio IN        |
| 5. RS 232      | 11. Audio Out       |
| 6. I2V Trigger |                     |

## SX912



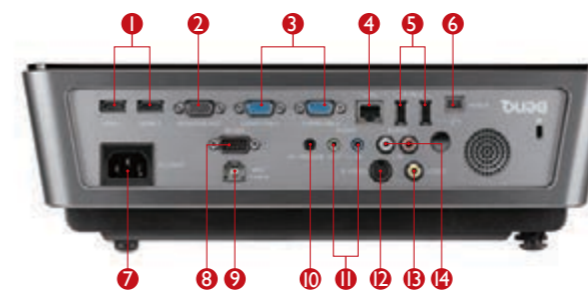
- |                   |               |
|-------------------|---------------|
| 1. TYPE B         | 7. AC Inlet   |
| 2. Monitor Out    | 8. LAN        |
| 3. Computer 1 / 2 | 9. RS 232     |
| 4. Audio-Out / IN | 10. S-Video   |
| 5. HDMI (1/2)     | 11. Video     |
| 6. I2V Trigger    | 12. L-Audio-R |

## SX914



- |                |                         |
|----------------|-------------------------|
| 1. LAN         | 8. S-Video              |
| 2. MINI B      | 9. Audio Out / IN / MIC |
| 3. TYPE A      | 10. AC-IN               |
| 4. HDMI (1/2)  | 11. RS 232              |
| 5. Computer I  | 12. Video               |
| 6. Monitor Out | 13. Audio IN / R / L    |
| 7. Component   | 14. I2V Trigger         |

## SH915 / SW916



- |                   |                    |
|-------------------|--------------------|
| 1. HDMI (1/2)     | 8. RS 232          |
| 2. Monitor Out    | 9. TYPE B          |
| 3. Computer 1 / 2 | 10. I2V Trigger    |
| 4. LAN            | 11. Audio Out / IN |
| 5. TYPE A         | 12. S-Video        |
| 6. MINI B         | 13. Video          |
| 7. AC Inlet       | 14. L-Audio-R      |

# Specifications

	Optional Lens		
Model Name	PX9600	PW9500	SH963
Projection System	DLP	DLP	DLP
Native Resolution	XGA (1024x768)	WXGA (1280x800)	1080p (1920 x 1080)
Brightness	6500 ANSI lumens	5700 ANSI lumens	6000 ANSI Lumens
Contrast Ratio	2800:1	2800:1	8300:1
Display Color	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors
Lens	<ul style="list-style-type: none"> <li>Wide Fix: F = 1.85</li> <li>Ultra Wide: F=1.96-2.3</li> <li>Semi Long: F=1.86-2.48</li> <li>Long Zoom1: F=1.86-2.41</li> </ul> (All lenses are purchased separately)	<ul style="list-style-type: none"> <li>Wide Zoom: F=1.85-2.50</li> <li>Standard: F=1.64-1.86</li> <li>Long Zoom2: F=1.85-2.48</li> </ul>	F=2.48~2.81, f=24.1~36.15mm
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 16:9 (5 aspect ratio selectable)
Throw Ratio	<ul style="list-style-type: none"> <li>Wide Fix: 0.79</li> <li>Wide Zoom: 1.31~1.85</li> <li>Semi Long: 2.33~3.81</li> <li>Long Zoom2: 5.5~8.56</li> </ul>	<ul style="list-style-type: none"> <li>Ultra Wide: 0.77~0.97</li> <li>Standard: 1.79~2.35</li> <li>Long Zoom1: 3.71~5.57</li> </ul>	<ul style="list-style-type: none"> <li>Wide Fix: 0.8</li> <li>Wide Zoom: 1.31~1.87</li> <li>Semi Long: 2.33~3.86</li> <li>Long Zoom1: 3.76~5.64</li> <li>Long Zoom2: 5.56~8.67</li> </ul>
Image Size (Diagonal)	80"~500"	80"~500"	28"~300"
Zoom Ratio	<ul style="list-style-type: none"> <li>Wide Fix: Fixed</li> <li>Ultra Wide: 1.25:1</li> <li>Semi Long: 1.65:1</li> <li>Long Zoom1: 1.5:1</li> </ul>	<ul style="list-style-type: none"> <li>Wide Zoom: 1.4:1</li> <li>Standard: 1.3:1</li> <li>Long Zoom2: 1.55:1</li> </ul>	1.5:1
Lamp Wattage	280W x 2	280W x 2	350W x2
Lamp (Normal / Economic / SmartEco Mode)	2000 / 2500 / NA	2000 / 2500 / NA	2000/2500/NA
Keystone Adjustment	1D, Vertical ± 30 degrees	1D, Vertical ± 30 degrees	2D, Vertical & Horizontal ± 30 degrees
Lens Shift	<ul style="list-style-type: none"> <li>Wide Fix: NA</li> <li>Ultra Wide: Vertical (0-45%) / Horizontal (+-10%)</li> <li>Wide Zoom: Vertical (0-50%) / Horizontal (+-10%)</li> <li>Standard: Vertical (0-50%) / Horizontal (+-10%)</li> </ul>	<ul style="list-style-type: none"> <li>Semi Long: Vertical (0-50%) / Horizontal (+-10%)</li> <li>Long Zoom1: Vertical (0-50%) / Horizontal (+-10%)</li> <li>Long Zoom2: Vertical (0-50%) / Horizontal (+-10%)</li> </ul>	Vertical: ±120%(±5%); Horizontal: ±40%(±5%)
Projection Offset	NA	NA	same as lens shift range
Resolution Support	up to UXGA (1600 x 1200)	up to UXGA (1600 x 1200)	up to UXGA (1600 x 1200)
Horizontal Frequency	31K - 92KHz	31K - 92KHz	31K - 92KHz
Vertical Scan Rate	23 - 85Hz	23 - 85Hz	23 - 85Hz
Color Wheel Segment	RGBW	RGBW	6-Seg. (RYWCBG)
Color Wheel Speed	2X	2X	2X
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM
<b>Interface</b>			
Computer in (D-sub 15pin)	x 1	x 1	x 1
Monitor out (D-sub 15pin)	x 1	x 1	x 1
DVI-D	x 1	x 1	No
HDMI (v1.4a)	No	No	x 2 (1.3)
Composite Video in (RCA)	x 1	x 1	x 1
S-Video in (Mini DIN 4pin)	x 1	x 1	No
Component Video in	x 1 (5BNC)	x 1 (5BNC)	x 1 (5BNC)
Audio in (Mini Jack)	No	No	x 1
Audio L/R in (RCA)	No	No	No
Audio out (Mini Jack)	No	No	x 1
Microphone in (Mini Jack)	No	No	No
Speaker	No	No	10W x 1
LAN (RJ45)	x 1 (LAN Control)	x 1 (LAN Control)	x 1 (LAN Control)
USB (Type A)	No	No	No
USB (Type B)	x 1 (Download)	x 1 (Download)	No
USB (Type Mini B)	No	No	x 1 (Download)
DC 12V Trigger (3.5mm Jack)	x 1	x 1	x 1
RS232 (DB-9pin)	x 1	x 1	x 1
Wired Remote (Mini Jack)	x 1	x 1	No
<b>Environment</b>			
Dimensions (WxHxD)	505 x 194 x 385 mm	505 x 194 x 385 mm	443 x 167 x 355 mm
Weight	16.5kg (Without Lens)	16.5kg (Without Lens)	13kg
Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240V, 50/60 Hz
Power Consumption	710W	710W	940W
Stand-by Power Consumption	<0.5W	<0.5W	<0.5W
Acoustic Noise (Typ./Eco.)	39/34/35/32(Dual Lamp Normal / Dual Lamp Eco / Single Lamp Normal / Single Lamp Eco)	39/34/35/32(Dual Lamp Normal / Dual Lamp Eco / Single Lamp Normal / Single Lamp Eco)	44/40/41/38 db (Dual Brightness / Dual Reliable / Single Alternative / Single Eco)
<b>Accessories (Standard)</b>			
Carry Bag	No	No	No
Remote Control w/ Battery	x 1(Without Battery)	x 1(Without Battery)	x 1
User Manual CD	x 1 (12L)	x 1 (12L)	x 1 (24L)
Quick Start Guide	x 1 (12L)	x 1 (12L)	x 1 (18L)
VGA(D-sub 15pin) Cable	x 1	x 1	x 1
Anti-dust Filter	x 1	x 1	No
Lens cover	No	No	No
Unique Accessory	Color Wheel (6 segments)	Color Wheel (6 segments)	No
<b>Accessories (Optional)</b>			
Optional Lenses	Yes	Yes	No
Carry Bag	No	No	No
Spare Lamp Kit	Yes	Yes	Yes
Wireless USB Dongle	No	No	No
Ceiling Mount	Yes	Yes	Yes

Full HD	Basic			
SH940	SH915	SW916	SX914	SX912
DLP	DLP	DLP	DLP	DLP
1080p (1920 x 1080)	1080p (1920 x 1080)	WXGA(1280x800)	XGA (1024x768)	XGA (1024x768)
4000 ANSI lumens	4000 ANSI lumens	5000 ANSI lumens	6000 ANSI Lumens	5000 ANSI lumens
5000:1	11000:1	7500:1	6500:1	11000:1
1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors
F=2.48~2.81, f=24.1~36.15mm	F=2.42~2.97, f=20.7~31.05mm	F=2.42~2.97, f=20.7~31.05mm	F=2.1~2.63, f=21.70-34.94mm	F=2.42~2.97, f=20.7~31.05mm
Native 16:9 (5 aspect ratio selectable)	Native 16:9 (5 aspect ratio selectable)	Native 16:10 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)	Native 4:3 (5 aspect ratio selectable)
1.62~2.43	1.378~2.067	1.447~2.17	1.5~2.4	1.428~2.142
28"~300"	26"~300"	26"~300"	30"~300"	28"~300"
1.5:1	1.5:1	1.5:1	1.6:1	1.5:1
300W	310W	350W	350W	310W
2000 / 3000 / NA	2500 / 3000 / 3500	1800 / 3500 / 4000	1500 / 2000 / NA	2500 / 3000 / 3500
2D, Vertical & Horizontal ± 30 degrees	1D, Vertical ± 30 degree	2D, Vertical ± 30 degree, Horizontal ± 25 degree	1D, Vertical ± 40 degrees	1D, Vertical ± 40 degrees
Vertical: ±120%(±5%); Horizontal: ±40%(±5%)	No	No	Vertical: 115%-125%±5%	No
Vertical: ±60% Horizontal: ±20%	130%±5%	123%±5%	Vertical: 115%-125%±5%	124% ±5%
up to UXGA (1600 x 1200)	up to UXGA (1600 x 1200)	up to UXGA (1600 x 1200)	up to UXGA (1600 x 1200)	up to UXGA(1600 x 1200)
31K - 92KHz	31K - 92KHz	15K - 102KHz	15K - 102KHz	15K-102KHz
23 - 85Hz	23 - 85Hz	23 - 120Hz	23 - 120Hz	23-120Hz
6-Seg. (RYWCBG)	5-Seg. (RYGWB)	5-Seg. (RYGWB)	6-seg. (RYWCBG)	5-Seg. (RYGWB)
2X	2X	2X	2X	2X
480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM
<b>Interface</b>				
x 1	x 2 (share with Component)	x 2 (share with Component)	x 2 (shared with component)	x 2 (share with Component)
x 1	x 1	x 1	x 1	x 1
No	No	No	No	No
x 2 (v1.3)	x 2	x 2	x 2	x 2
x 1	x 1	x 1	x 1	x 1
No	x 1	x 1	x 1	x 1
x 1 (5BNC)	No	No	x 1	No
x 1	x 1	x 1	x 1	x 1
No	x 1	x 1	x 1	x 1
No	x 1	x 1	x 1	x 1
No	No	No	x 1	No
10W x 1	5W x 1	5W x 1	10W x 2	5W x 1
x 1 (LAN Control)	x 1 (LAN Control & LAN Display & Audio)	x 1 (LAN Control & LAN Display & Audio)	x 1 (LAN Control & LAN Display & Audio)	x 1 (LAN control)
No	x 2 (USB Reader & Wireless Display & Remote Desktop)	x 2 (USB Reader & Wireless Display & Remote Desktop)	x 2 (USB Reader & Wireless Display & Remote Desktop)	No
No	x 1 (Download)	x 1 (Download)	No	x 1 (Download)
x 1 (Download)	x 1 (USB display & Page up/down)	x 1 (USB display & Page up/down)	x 1 (USB Display & Download)	No
x 1	x 1	x 1	x 1	x 1
x 1	x 1	x 1	x 1	x 1
No	No	No	No	No
428 x 169 x 318mm	360.1 x 119.9 x 259mm	360.1 x 119.9 x 259mm	446 x 152 x 336(mm)	360.1 x 119.9 x 259mm
7.2 kg	8.14 lbs (3.7 Kg)	8.14 lbs (3.7 Kg)	6.2kg (13.7 lbs)	8.14 lbs (3.7 Kg)
AC 100 to 240V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50 / 60 Hz
442W	370W	410W	525W	370W
<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
36 / 33 dBA	38 / 33 dBA	42 / 35 dBA	35 / 30 dBA	38 / 33 dBA
<b>Accessories</b>				
No	Yes	Yes	No	Yes
x 1	x 1	x 1	x 1	x 1
x 1 (24L)	x 1 (24L)	x 1 (24L)	x 1 (24L)	x 1 (24L)
x 1 (18L)	x 1 (18L)	x 1 (18L)	x 1 (18L)	x 1 (18L)
x 1	x 1	x 1	x 1	x 1
No	No	No	No	No
No	Yes	Yes	Yes	Yes
No	No	No	No	No
No	No	No	No	No
No	No	No	No	No
No	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes
No	Yes	Yes	No	Yes
Yes	Yes	Yes	Yes	Yes