





PJX3241 N XGA PJX3241 XGA PJX3131 XGA Networkable 3,300 Im Mobile Projector 3,300 Im Mobile Projector

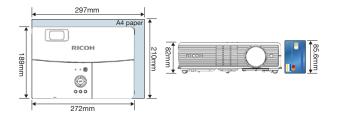


Functionality That Anyone Can Master: Target Achieved. The PJ Series Opens Up The World Of Projectors To Everyone.

Portable Enough To Use Anywhere You Like

Compact & Lightweight

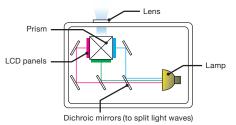
This projector needs less space than a piece of A4 paper. Stands just as tall as an IC card. You can set it up by the side of your desk or in the corner of a room in your client's office. At just 1.8 kilograms*, anyone can carry it anywhere. * Weight for the PJ WX3131 & PJ X3131 is 1.8 kg, the PJ X3241 and WX3231N is 1.9, the PJ X3241N is 2.0.



Ricoh's High Image Quality Is Built On An Array Of Optical Technologies

3-LCD System

Our projectors use a 3LCD system that splits the projected light into red, green, and blue, the three primary colors, and uses a prism to fuse them back together. This system has excellent color reproduction and brightness.





Natural Color Enhancer (NCE)

WX3231N X3241N

These projectors use Natural Color Enhancer, a color compensation technology developed by Ricoh. Instantly differentiates between CG and natural images, ameliorates poor color reproduction in dark areas, and reproduces vivid colors. Helps produce effective displays





Array Of Functions Makes Setting Up The Projector Easy

Quick Start And Quick Shutdown

Start up just 8^{\star} seconds after turning the power on. Meetings and presentations can be started right away. Also, just unplug the cord to shutdown and quickly put away the projector. Equipped with functions to keep you from waiting.

* Time for the lamp to light

Auto Set Function

Equipped with an auto set function that makes it easy to get the projector ready to go. Automatically adjusts for flicker and the position of the projected image.

* Only for computer signals.

Auto Keystone Function (compensates distorted projection)

When keystone distortion in the vertical direction is detected in the projected image, compensation is done automatically to match the angle that the projector is set up. This function is useful when you need to set up quickly while visiting a customer.

* The projected image is slightly reduced after keystone adjustment.

Before adjustment







The projected image is slightly reduced after keystone adjustment.

Loaded With A Variety Of Functions So It Is Easy To Use

Mute & Freeze

You can temporarily stop the sound or the action with the MUTE and FREEZE buttons on the remote control. This way people can express their opinions during the presentation to make meetings more effective.

Resize

The "RESIZE" button on the remote control lets you resize (enlarge) the image. It is easy to move the enlarged portion with the remote control too.

* The enlarged image becomes grainy.

Blackboard Mode

It is possible to adjust the hue of the projected image to compensate for the color of the screen, such as when projecting onto a blackboard (or green, black, brown, blue, or beige wall).

Password Setting & Key Lock

The projector can be protected with a password to limit access and assure security. The key lock function is also useful to prevent people from making mistakes while operating the projector.

User Logo Function

A company logo or standby message can be displayed while the projector is starting up or when there is no signal.

Computer-Free Presentations

JPEG images and MPEG1 or MPEG2*1 can be projected directly from the USB memory on which they are stored. Plus, you can use specialized software to convert*2 Microsoft PowerPoint files to JPEG and store them on a USB memory. This makes it possible to give a presentation without a computer and without problems.

*1 Only PS format. *2 A JPEG conversion tool is required.

WX3231N X3241N

Voice Guidance Function

WX3231N X3241N

The voice guidance announces problems with the projector, such as a faulty cooling fan, a dirty air filter, or other trouble.

* The voice guidance function supports 25 languages

Mouse Remote Control (accessory) WX3231N X3241N

The mouse remote control accessory can operate the projector and operate as a mouse pointer for the computer.

HDMI Terminal

It is possible to connect DVD players or other video and audio equipment via a digital signal on a single cable.

Connecting To A Network Is Even More Workable

Supports Both Wired And Wireless LAN WX3231N X3241N

You can easily connect to wired or wireless LAN without troublesome settings by using Ricoh's own Network Utility. It is also possible to connect to a network using the "Network Projector*" function standard in Windows Vista® and Windows $^{\tiny{\textcircled{\scriptsize{\textbf{0}}}}}$ 7. This makes transfer of images from a computer easy.

* Video and audio are not supported.

Projector Management Utility

You can do the LAN settings, turn the power on or off, and other settings for multiple network projectors on a network from a computer. With PJLink* compatibility, you can manage other brands of network projectors that are PJLink compatible.

* PJLink is a standardized open protocol established by the Japan Business Machine and Information System Industries Association (JBMIA) for controlling projectors on a network

Multiscreen Function

WX3231N X3241N

By installing the network utility, you can project four different images to four different projectors from one computer. This can be used for large conferences or seminars.

- * The multiscreen function does not operate on Windows $^{\circledR}$ 7.
- * This function is not for projection of one computer image data to multiple projectors.

Status Notification By Email

WX3231N X3241N

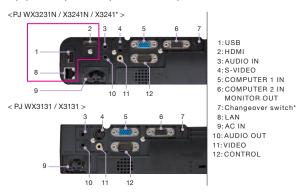
Automatic notification of error information can be sent to a specified email address if the lamp needs to be changed or an error occurs.

* A system for sending email, such as an SMTP server, is required.

Substantial Hardware And User Interfaces

Interface Terminals

The projector is equipped with a variety of input and output terminals so it can be used in a wide range of locations. Connecting to various other equipment expands the possibilities for presentations even more.



- * The changeover switch changes between the COMPUTER 2 IN terminal and the MONITOR OUT terminal.
- PJ X3241 is non-carried 1, 2, 8

Remote Control

The remote control helps get full performance from the PJ. This specialized remote control comes with the projector and has a variety of functions that are easy to use.

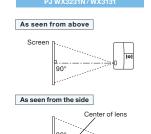


While the cover is open

PROJECTION DISTANCE & SCREEN SIZE

Use the following diagrams, tables, and equations to determine the projection distance and size of the projected image.

The sizes of the projected images are is for a full size image without keystone adjustment.



_
The distance from the lens to the screen is a in meters and the supported range is 0.94 m to 11.58 m. The center of the lens is at the bottom edge of the screen.

	a (Longest) = $\frac{\text{Size of the projected image (diagonal)} - 0.64}{25.845}$						
ı	Size of	Projection distance a (m)					
	the projected image (diagonal) (cm)	Shortest (maximum zoom)	Longest (minimum zoom)				
	30 (76)	0.94	1.14				
	40 (102)	1.27	1.52				
	50 (127)	1.59	1.91				
	60 (152)	1.91	2.30				
	70 (178)	2.23	2.68				
	80 (203)	2.55	3.07				
	90 (229)	2.88	3.46				
	100 (254)	3.20	3.84				
	120 (305)	3.84	4.62				
	150 (381)	4.81	5.78				
	000 (500)	0.40	7 74				

a (Shortest) = $\frac{\text{Size of the projected image (diagonal)} - 0.758}{31.022}$

As seen from	above
Screen 90°	ioi
As seen from t	he side
90° /	Center of lens
in meters and the sup to 10.94 m. The dista	e lens to the screen is a oported range is 0.89 nance from the center on n edge of the screen.

1	- (Ch	-4\	Size of the pr	ojected image (diag	onal) - 0.890	
PJ X3241N	a (Shortest) =		32.863			
PJ X3241	- //	-4\	Size of the projected image (diagonal) - 0.748			
1	a (Longest) =		t) =			
1			Size of the pr	ojected image (diag	onal) - 0.795	
PJ X3131	a (Shorte			32.885		
F3 X3131	a (Longest) =		Size of the projected image (diagonal) - 0.673			
1	a (Longe	st) =		27.397		
Size			Projection o	distance a (m)	Height (H)	
	the projected image (cm)		Shortest ximum zoom)	Longest (minimum zoom)	(cm)	
	30 (76)		0.89	1.07	6.50	
4	0 (102)		1.19	1.44	8.70	
5	0 (127)		1.49 (1.50*)	1.80	10.90	
(60 (152)		1.80	2.17	13.10	
7	70 (178)		2.10	2.53	15.20	
8	0 (203)		2.41	2.90	17.40	
9	0 (229)		2.71	3.26	19.60	
10	0 (254)		3.02	3.63	21.80	
12	0 (305)	- (3.62 (3.63*)	4.36	26.10	
15	0 (381)		4.54	5.46 (5.45*)	32.70	
20	0 (508)		6.06	7.28	43.50	
25	0 (635)		7.58	9.11 (9.10*)	54.40	
300 (762)			9.10	10.94 (10.93*)	65.30	
* The values in parentheses () are for the PJ X3241, X3131 series.						

CONSUMABLE GOODS

Consumable





^{*} Consumable parts for the PJ WX3231N, WX3131, X3241N, X3241, and X3131. * The expected hours of use before replacement for the lamp are 3000 hours in

standard mode and 4000 hours in low mode.

Main specifications

		PJ WX3231N	PJ WX3131	PJ X3241N	PJ X3241	PJ X3131	
System Resolution 1 Liquid crystal panel shape Size Aspect ratio Luminous flux (brightness)			3 t	ransparent liquid crystal pan	els		
		1,024,000 pixels (1,280×800)		786,432 pixels (1,024×768)		1,024,000 pixels (1,280×800	
		0.59	inch	0.70	inch	0.63 inch	
		16:	:10		4:3		
		2,50	0 lm	3,30	0 lm	2,500lm	
Color reproduction				16,770,000 colors			
Contrast ratio				320:1			
Size of projected image			30 to 300 inches				
Projection distance			0.89 to 10			0.89 to 10.93 m	
Lamp Guaranteed service life of projector		High-pressure mercury lamp (190 W in standard mode, 144 W in low mode) (180 W in standard mode, 136 W in low mode)					
		(180 W III Standard mode, 144 W III low mode) (180 W III Standard mode, 136 W III low mode)					
	intega service ine or projector		WXGA (1,280×800 dots), XGA (1,024×768 dots)				
	Real resolution		, VGA (640×480 dots)	XGA (1,024×768 do	ots), SVGA (800×600 dots), V	'GA (640×480 dots)	
RGB compatible signal		UXGA (1,600×1,200 dots),				UXGA (1,600×1,200 dots),	
	Compressed representation	SXGA (1,280×1,024 dots)	UXGA(1,600x1,200do	ts), SXGA(1,280x1,024dots), V	VXGA(1,280x800dots)	SXGA (1,280×1,024 dots)	
Video compatible signal				NTSC, PAL, SECAM		•	
Analog RGB compatible	Horizontal			15.63 to 106.25 kHz			
scanning frequency	Vertical			50 to 85 Hz			
USB memory compatible f	ile format	JPEG, MPEG1, MPEG2	_	JPEG, MPEG1, MPEG2		-	
,		(PS format only)		(PS format only)			
	Brightness: F value	F: 1.7 1		F: 1.6 t		F: 1.7 to 1.87	
	Focal length: f value	f: 19.2 to	23.1 mm	f: 21.5 to	25.8 mm	f: 19.2 to 23.1 mm	
Projection lens	Scale factor			1.2 x			
	Zoom			Manual			
	Focus			Manual			
	RGB input		Mini D -	Mini D-sub 15 pin x 2			
	RGB output	HDMI terminal x 1	Mini D-s	ub 15 pin x 1 (input and chan HDMI terminal x 1	ge over)		
		S-VIDEO terminal	S-VIDEO	S-VIDEO terminal	S-VIDEO terminal	mini DIN-4 pin x 1	
	Video input	mini DIN-4 pin x 1	terminal mini DIN-4 pin x 1	mini DIN-4 pin x 1		i jack x 1	
		RCA pin jack x 1	RCA pin jack x 1	RCA pin jack x 1	more pin	, juon x i	
Interface	Video output	None					
	Audio input	3.5Φ stereo mini pin jack x 1					
	Audio output			3.5Φ stereo mini pin jack x 1			
USB		TYPE-A (USB 2.0 High-Speed) × 1	-	TYPE-A (USB 2.0 High-Speed) × 1		-	
	Wired LAN	RJ45 (100BASE-T) × 1	-	RJ45 (100BASE-T) × 1		-	
	Wireless LAN	IEEE 802.11b/g compliant	-	IEEE 802.11b/g compliant		-	
	RS232C		Mini D-	sub 9 pin x 1 (for projector c	ontrol)		
		Windows Vista®		Windows Vista®			
	Network projector	(Home Basic not supported),		(Home Basic not supported),			
	Network projector		_			_	
	Network projector	Windows® 7	-	Windows® 7		-	
	Network projector		-	Windows® 7 (Home Premium not supported)		-	
0 100	Network projector	Windows® 7	-			-	
Supported OS	Network projector	Windows® 7 (Home Premium not supported)	-	(Home Premium not supported)		-	
Supported OS		Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista®	-	(Home Premium not supported) Windows® 2000, XP, 7 and Vista®		-	
Supported OS	Network utility	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen)	-	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen)		-	
Supported OS	Network utility JPEG conversion tool	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista®	-	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista®		-	
Supported OS	Network utility JPEG conversion tool Projector	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista®	- -	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista®		- - -	
	Network utility JPEG conversion tool	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista®		(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible		-	
Built-in speaker	Network utility JPEG conversion tool Projector management utility	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista®		(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista®	295 × 196 × 82 mm	272 × 189 × 82 mm	
	Network utility JPEG conversion tool Projector management utility	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible	-	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono		-	
Built-in speaker Dimensions (W x D x H) (e)	Network utility JPEG conversion tool Projector management utility	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible	- 272 × 189 × 82 mm 1.8kg / 3.96lb	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 x 196 x 82 mm	295 × 196 × 82 mm	- 272 × 189 × 82 mm	
Built-in speaker Dimensions (W x D x H) (e) Weight	Network utility JPEG conversion tool Projector management utility xcluding protrusions)	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible	- 272 × 189 × 82 mm 1.8kg / 3.96lb	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb	295 × 196 × 82 mm 1.9kg / 4.19lb	272 × 189 × 82 mm	
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Built-in speaker Dimensions (W x D x H) (e) Weight	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb e: 280 W or less	295 × 196 × 82 mm 1.9kg / 4.19lb	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or less	
Built-in speaker Dimensions (W x D x H) (ex Weight Power consumption	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0 kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb e: 280 W or less - 8.0 W	295 × 196 × 82 mm 1.9kg / 4.19lb	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les: 4 W	
Built-in speaker Dimensions (W x D x H) (ex Weight Power consumption	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0 kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - -	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb a: 280 W or less - 8.0 W 0.4 W	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les: 4 W	
Built-in speaker Dimensions (W x D x H) (ex Weight Power consumption	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0 kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - -	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10%	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W	
Built-in speaker Dimensions (W x D x H) (ex Weight Power consumption	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb - 8.0 W 0.4 W	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - -	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0 kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10 % tin power cable (3 m) / 2-pin p	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W	
Built-in speaker Dimensions (W x D x H) (ex Weight Power consumption	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W RGB cable (3 m) & 3-p	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10% in power cable (3 m) / 2-pin p	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 nower cable (3 m) / EU	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W -	
Built-in speaker Dimensions (W x D x H) (ex Weight Power consumption	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb - 8.0 W 0.4 W Network utility JPEG conversion tool	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - -	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10% in power cable (3 m) / 2-pin p Network utility JPEG conversion tool	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 nower cable (3 m) / EU	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W	
Built-in speaker Dimensions (W x D x H) (e) Weight	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb 8.0 W 0.4 W Network utility JPEG conversion tool Projector management utility	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W RGB cable (3 m) & 3-p	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0 kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10% in power cable (3 m) / 2-pin p Network utility JPEG conversion tool Projector management utility	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 nower cable (3 m) / EU	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W	
Built-in speaker Dimensions (W x D x H) (ex) Weight Power consumption Power	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W RGB cable (3 m) & 3-p	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0 kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10% in power cable (3 m) / 2-pin p Network utility JPEG conversion tool Projector management utility Instruction manual	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 nower cable (3 m) / EU	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W -	
Built-in speaker Dimensions (W x D x H) (ex) Weight Power consumption Power Accessories packaged	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0 kg / 4.41lb	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W RGB cable (3 m) & 3-p	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PULink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0 kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10% in power cable (3 m) / 2-pin p Network utility JPEG conversion tool Projector management utility Instruction manual Instruction manual Instruction manual for projector management utility	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 ower cable (3 m) / EU	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W on manual	
Built-in speaker Dimensions (W x D x H) (ex) Weight Power consumption Power Accessories packaged	Network utility JPEG conversion tool Projector management utility scluding protrusions) While operating In standby In standby Network ON In standby Network OFF Cables CD-ROM	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PULink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - - RGB cable (3 m) & 3-p	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PULink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0 kg / 4.41lb e: 280 W or less	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 ower cable (3 m) / EU Instruction	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les 4 W on manual	
Dimensions (W x D x H) (e) Weight Power consumption Power Accessories packaged	Network utility JPEG conversion tool Projector management utility xcluding protrusions) While operating In standby In standby Network ON In standby Network OFF	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb 8.0 W 0.4 W Network utility JPEG conversion tool Projector management utility Instruction manual Instruction manual Instruction manual for projector management utility Specialized soft-side case Interior size: 300 x 81 x 215 mm	- 272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - - RGB cable (3 m) & 3-p Instruction manual Specialized soft-side case Interior size: 272 x 81 x 188 mm	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PJLink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0kg / 4.41lb e: 280 W or less - 8.0 W 0.4 W 100 V - 240 V ±10% In power cable (3 m) / 2-pin power cable (3 m) /	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 cower cable (3 m) / EU Instruction Specialized soft-side case Interior size: 300 x 81 x 215 mm	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or les: 4 W on manual Specialized soft-side case Interior size: 272 x 81 x 188 mm	
Built-in speaker Dimensions (W x D x H) (e) Weight Power consumption Power	Network utility JPEG conversion tool Projector management utility scluding protrusions) While operating In standby In standby Network ON In standby Network OFF Cables CD-ROM	Windows® 7 (Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PULink Class 1 compatible 295 × 196 × 82 mm 2.0kg / 4.41lb	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mod 0.4 W - - RGB cable (3 m) & 3-p	(Home Premium not supported) Windows® 2000, XP, 7 and Vista® (Windows® 7 does not support multiscreen) Windows® 2000, XP, 7 and Vista® PULink Class 1 compatible 1 W mono 295 × 196 × 82 mm 2.0 kg / 4.41lb e: 280 W or less	295 × 196 × 82 mm 1.9kg / 4.19lb 0.4 ower cable (3 m) / EU Instruction	272 × 189 × 82 mm 1.8kg / 3.96lb Standard mode: 270 W or less 4 W	