PLUS

TAXAN
PH-1001X

| 4200 lm | 8 lbs | XGA | Wired LAN | HDMI |

High Lumen Installation Projector

DLP — PICTURE BY — TEXAS INSTRUMENTS

BrilliantColor™ — With Multi-Color Processing For Rich, Vibrant Colors! — FEATURES — DLP

> BrilliantColor™ and DLP® technology from Texas Instruments, combined with Taxan's specialized color wheel and Variable Illumination Technology, along with a number of other technological advances, result in a revolutionary new level of color reproduction.

BrilliantColor™

Color accuracy is paramount to a quality image. BrilliantColor™ not only improves color accuracy, it brightens secondary colors as well. Yellows and light blues are greatly enhanced, and subtle intermediate hues are produced with more accuracy than can be achieved with conventional projectors.
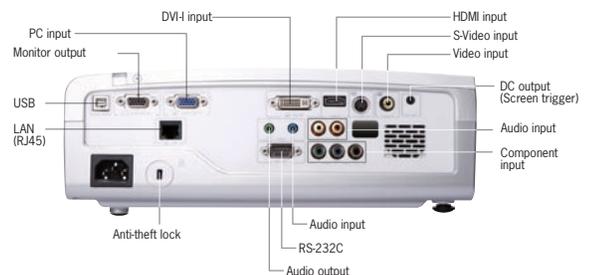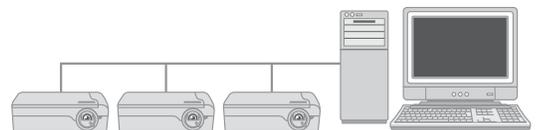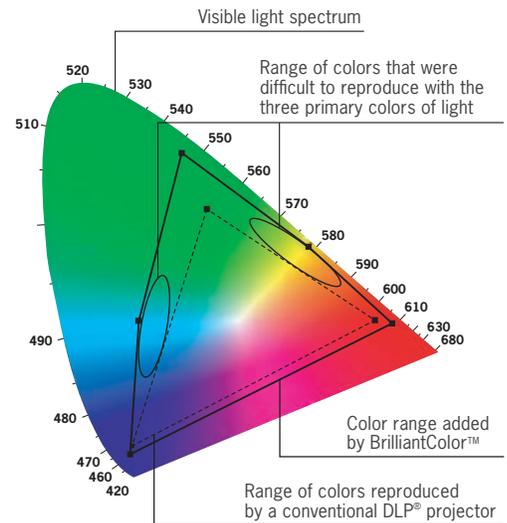
Networked Control

In order to be of more convenient use in the work environment, Taxan the PH-1001X has both networking and remote control features. The RJ45 jack and wired LAN functionality make it possible to perform a variety of operations indirectly, including power on/off, brightness adjustment, contrast adjustment, video-source and sound-mute, etc.

Multiple Interfaces for Extensive Connectivity

Connection Options
Input: DVI-I, mini D-sub 15-pin, HDMI, component, S-Video, composite
Output: Mini D-sub 15-pin, DC 12 V (screen trigger function)
Audio output (variable) are provided, allowing you to change the volume of the external speakers by adjusting the projector's volume level.

Visible light spectrum

Range of colors that were difficult to reproduce with the three primary colors of light

Color range added by BrilliantColor™

Range of colors reproduced by a conventional DLP® projector

DVI-I input
PC input
Monitor output
HDMI input
S-Video input
Video input
USB
DC output (Screen trigger)
LAN (RJ45)
Audio input
Component input
Anti-theft lock
Audio input
RS-232C
Audio output

Other Features

TAXAN

PH-1001X
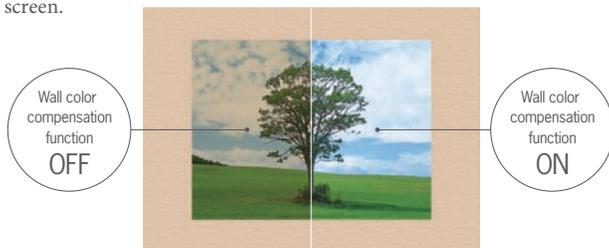High Lumen Installation Projector

Direct power on/off

💨 Turn the projector power on and off from the main power switch
The projector can be powered on (off) by plugging it into (unplugging if from) an AC outlet. If the projector is suspended from the ceiling, it can be powered on and off by using the associated circuit breaker switch, rather than using a remote control.

Linked screen trigger function

💨 Ideal for use with large motorized screens!
The screen trigger (DC12V) enables automatic raising and lowering of a motorized screen when the projector is powered on and off. This is ideal for venues with large motorized screens such as conference rooms. (Note: Some motorized screens may not support the screen trigger function.)

Wall color compensation

💨 Ideal for indoor or outdoor use when no screen is available!
This function delivers color reproduction very similar to than projected on a white surface, even when a colored wall or blackboard is used in place of a screen.

Wall color compensation function
OFF

Wall color compensation function
ON

Advanced features utilizing Wired LAN (RJ45)

💨 Automatically receive projector status reports by e-mail!
This feature automatically sends a message to the preset e-mail address when an event such as a burned out lamp or product failure occurs.

💨 Control and manage the projector from a Web browser via a LAN link!
The projector can be controlled and its operating status monitored remotely using a standard Web browser running on a personal computer linked to a LAN to which the projector is also connected. It is also possible to manage multiple projector connected to a single network. This functionality enables centralized control vial a network or using a control panel.

A notification is provided by e-mail when the lamp needs replacement.

High-definition connection options

💨 HDMI connector for transferring both high-quality images and audio from digital RGB devices!
In addition to personal computers, a wide variety of digital RGB devices can be connected to the projector via an HDMI terminal, including Blu-ray disc players and game consoles. Supports HDCP copyright protection technology.

💨 DVI-I Connector for clear image reproduction!
The DVI-I digital interface terminal supports fully digital connections to the projector for clear images with no distortion. HDCP is also supported.

💨 Connect video and audio components to the projector!
Component input (Y, Pb/Cb, Pr/Cr) enable the connection of video components with excellent picture quality.

Easy lamp replacement

💨 Lamp replacement is easy even in ceiling mounted installations!
Since the lamp can be accessed from the top of the projector, anyone can replace the lamp very easily, whether the projector is on a desktop or mounted on the ceiling.

Specifications

Main components	DLP® chip	Size	0.7-inch
		Pixels	XGA
	Projector lens		Manual zoom (x1.15) Manual focus F2.6–2.81, f = 26.01–29.84 mm
	Light source	Type	High-voltage mercury lamp, 280 W
		Service life	2000/3000Hr.
Screen size		Minimum	23.4-inch (projection distance 3¼ ft; 1.0 m)
		Maximum	300-inch (projection distance 36 ft; 11.0 m)
Color reproduction		Reproducible colors	Full color (16.77 million colors)
Brightness*1		Standard	4200lm
		Eco mode	3400lm (approx. 80% of standard mode)
Contrast (full on/off)*1			2300 : 1
Noise level (dB)		Standard	32dB
		Eco mode	28dB
Audio output		Speaker	3 W monaural
Scanning frequency		Horizontal	15~90kHz
		Vertical	50~85Hz
Computer inputs/ outputs	Input terminal	Mini D-Sub 15-pin	(Common analog RGB/YCbCr/YPbPr) × 1
		DVI-I	(Common digital RGB/ analog RBG/YCbCr/YPbPr) × 1 (HDCP support)
		(HDMI)	(Common digital RGB/YCbCr/YPbPr) × 1 (HDCP support)
	Output terminal	Mini D-Sub 15-pin	(Common analog RGB/YCbCr/YPbPr) × 1
	Supported resolutions	VGA (640×480)	Enlarged/real display
		SVGA (800×600)	Enlarged/real display
		XGA (1024×768)	Real display
		WXGA (1280×800)	Compressed display
		SXGA (1280×1024)	Compressed display
		SXGA+ (1400×1050)	Compressed display
		MAC	Compressed display
Video inputs	Input signal		NTSC3.58, NTSC4.43, PAL, PAL_N, PAL_M, PAL60, SECAM, YCbCr (NTSC, PAL only), YPbPr (480p, 576p, 720p, 1080i)
	Input terminal	RCA (component)	(HDCP support)
		RCA (video)	×1
		Mini DIN 4-pin (S-Video)	×1
		(Mini D-Sub 15pin)	(Common analog RGB/YCbCr/YPbPr) × 1
		(DVI-I)	(Common digital RBG/analog RGB/YCbCr/YPbPr) × 1 (HDCP support)
		HDMI	(Common digital RGB/YCbCr/YPbPr) × 1 (HDCP support)
Audio input terminal		Stereo mini terminal (RGB)	×1
		RCA (L&R) (video)	×1 set
Audio output terminal		Stereo mini terminal	×1 (variable output)
Other terminal		USB (Type B)	×1 (remote mouse)
		RJ45	×1 (network control) (e-mail function)
		DC output (Screen trigger)	×1
		Projector external control (RS-232C)	×1
Power consumption		Rating	350W
		Eco mode	290W
		Standby	<5W
Exterior dimensions (W) x (H) x (D) (excluding protrusions)			12¼×4×10 inches (312×100x250 mm)
Weight			8 lbs (3.6 kg)
Accessories			Remote control, Remote control battery, Power cord (6ft) RGB signal cable (mini D-Sub 15-pin) Soft case, Owner's Manual CD-ROM, Security sheet, Security label, USB cable (TypeA-TypeB/6ft) Start up guide, Safety & Support Service guide

*1. Average values are indicated for the product overall at the time of shipping, according to the JIS X 6911:02003 specification format for data projectors. The measurement method and conditions are based on Appendix 2.

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