

DESCRIPTION

Promethean offers a range of projectors for our Interactive Whiteboards and Interactive Walls, including a Short Throw Projector, Ultra Short Throw Projector, Ultra Wide Solid-State Projector, and HD Solid-State Projector.



Model	UST-P1	PRM-45A	SSIUW-P1	SSIHD-P1
Device Type	DLP	DLP	Laser	Laser
Compatible With	ActivBoard Touch ActivWall 88"	ActivBoard Touch ActivWall 88"	ActivWall 135"	ActivWall 102"
Native Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1920 x 720)	WXGA (1920 x 1080)
Compressed Resolution	Up to 1080i	Up to 1080i	Up to 1080i	Up to 1080i
Projected Image Size	95" diagonal native	95" diagonal native	120"- 140" diagonal native	87"- 102" diagonal native
Aspect Ratio	Fill, 4:3, 16:9, Letterbox, Native	Fill, 4:3, 16:9, Letterbox, Native	4:3, 16:6, Letterbox, Native	4:3, 16:9, Native
Contrast Ratio Typical / Minimum	2300:1 / 1800:1	2100:1 / 1500:1	10:000:1 APM / 1800:1 native	10:000:1 APM / 1800:1 native
Brightness Normal	3000 ANSI Lumens	3150 ANSI Lumens	2700 ANSI Lumens	3050 ANSI Lumens
Brightness Eco	2450 ANSI Lumens	2750 ANSI Lumens	2650 ANSI Lumens	3000 ANSI Lumens
Throw Ratio	0.35	0.52	0.25	0.25
Focal Length	F=2.5	F=2.86	F=2.4	F=2.4
Projection Distance	0.34 ~ 0.42 m (13.4 ~ 16.5 in)	0.54 ~ 1.22 m (21.3 ~ 48 in)	0.56 m (22 in)	0.81 m (32 in)
Projection Screen Size	2.03 ~ 2.5 m (80 ~ 100 in)	1.27 ~ 2.79 m (50 ~ 110 in)	2.59 m (102 in)	3.43 m (135 in)
Lamp Type and Power	UHP, 230W	UHP, 240W	Laser Lens 225W	Laser Lens 225W
Lamp Life Normal Hours	6000	3500	20000	20000
Lamp Life Eco Hours	8000	5000	N/A	N/A



Model	UST-P1	PRM-45A	SSIUW-P1	SSIHD-P1
Acoustic Noise Normal	33dBA (@220W)	36dBA (@220W)	36dBA (@220W)	36dBA (@220W)
Acoustic Noise Eco	29dBA (@190W)	32dBA (@190W)	32dBA (@190W)	32dBA (@190W)
Power Supply	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
System Power Consumption Normal	290W	330W	335W	335W
System Power Consumption Eco	250W	280W	225W	225W
Standby	<0.5W	<0.5W	<0.5W	<0.5W
VGA In/Out	VGA in x2, VGA out x1	VGA in x2, VGA out x1	VGA in/out x1, VGA in x1	VGA in/out x1, VGA in x1
Composite Video	x1	x1	x1	x1
S-Video	N/A	x1	N/A	N/A
HDMI	HDMI 1.4b x1	HDMI 1.4b x1, HDMI (MHL) x1	HDMI V1.3 x2	HDMI V1.4a x2
Audio In	Mini jack x1	Mini jack x1	Mini jack x1, Mic x1	Mini jack x1, Mic x1
Audio Out	Mini jack x1	Mini jack x1	Mini jack x1	Mini jack x1
Control Terminals USB	USB-B (for computer) x1	USB power x1, Mini USB (for service) x1	Mini USB (for computer) x1, USB x1	x1
RS-232	x1	x1	x1	x1
RJ-45	x1	x1	x1	x1
Keystone Correction	Vertical: max ±40°	Vertical: max ±40°	Vertical: max ±40°	Vertical: max ±40°
Horizontal Scan Rate	15Hz ~ 90kHz	15Hz ~ 90 kHz	15Hz ~ 102kHz	15Hz ~ 102kHz
Vertical Scan Rate	24Hz ~ 120Hz	47Hz ~ 120Hz	47Hz ~ 120Hz	47Hz ~ 120Hz



Model

UST-P1

PRM-45A

SSIUW-P1

SSIHD-P1

Operating Temperature

5°C ~ 40°C (41°F ~ 104°F)

5°C ~ 40°C (41°F ~ 104°F)

5°C ~ 40°C (41°F ~ 104°F)

5°C ~ 40°C (41°F ~ 104°F)

Computer Compatibility

IBM PC and Compatibles; Mac®, and VESA Standards
WSXGA+ (1,680 x 1,050), WXGA+ (1,440 x 900), WXGA (1,280 x 800, 1,280 x 768), UXGA (1,600 x 1,200), SXGA+ (1,400 x 1,050), SXGA (1,280 x 1,024), XGA (1,024 x 768), SVGA (800 x 600), VGA (640 x 480)

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Video Compatibility

NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1035i), EDTV (480p, 575i), SDTV (480i, 576i)

NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1035i), EDTV (480p, 575i), SDTV (480i, 576i)

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Security

Kensington Lock, Security cable bar option, pin code security, remote control operated only

Kensington Lock, Security cable bar option, pin code security, remote control operated only

Kensington Lock, Security cable bar option, pin code security

Kensington Lock, Security cable bar option, pin code security

Advanced Features

3D Ready
Crestron RoomView Express
Quick Lamp Access
Direct power on/off
Closed Caption

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Packed Contents List

Projector x1, Power cable (quantity is sku dependent), Computer cable (D-sub15 – D-sub15) x1, Wireless remote x1, Owner's manual (CD - ROM) x1, Quick start guide x1

Projector x1, Power cable (quantity is sku dependent), Computer cable (D-sub15 – D-sub15) x1, Wireless remote x1, Owner's manual (CD - ROM) x1, Quick start guide x1

Projector x1, Power cable (quantity is sku dependent), 3m HDMI cable x1, Wireless remote x1, Owner's manual (CD - ROM) x1, Quick start guide x1

Projector x1, Power cable (quantity is sku dependent), 3m HDMI cable x1, Wireless remote x1, Owner's manual (CD - ROM) x1, Quick start guide x1



UST-P1



PRM-45A



SSIUW-P1



SSIHD-P1

Model

PROMETHEAN MOUNTING COMPATIBILITY:

Mount System

Yes

Yes

Yes

Yes

Height-Adjustable Wall System

Yes

Yes

No

No

Mobile System

Yes

No

No

No

PHYSICAL SPECIFICATIONS

	UST-P1	PRM-45A	SSIUW-P1, SSIHD-P1
Overall Dimensions (Without Mirror)	287.5 x 374.5 x 122.6 mm (11.3 x 14.7 x 4.8 in)	314 x 216 x 126 mm (12.3 x 8.5 x 5 in)	383 x 310 x 86 mm (15.1 x 12.2 x 3.4 in)
Overall Dimensions (With Mirror)	287.5 x 374.5 x 160 mm (11.3 x 14.7 x 6.3 in)	N/A	N/A
Packed Dimensions	440 x 519 x 291 mm (17.3 x 20.4 x 11.5 in)	381 x 304 x 193 mm (15 x 12 x 7.6 in)	508 x 414 x 310 mm (20 x 16 x 12.2 in)
Net Weight	5 kg (11.1 lbs)	3.18 kg (7 lbs)	5.5 kg (12.1 lbs)
Packed Weight	9 kg (19.8 lbs)	4.7 kg (10.4 lbs)	6.5 kg (14.3 lbs)

COMPLIANCE & CERTIFICATION

- UST-P1:** CE, CB, CUL, FCC, IC, RCM, CCC, EAC
- PRM-45A:** CE, CB, CUL, FCC, IC, RCM, CCC, EAC
- SSIUW-P1:** CE, CUL, FCC, IC, CCC, EAC
- SSIHD-P1:** CE, CUL, FCC, IC, CCC, EAC

WARRANTY

For Promethean Warranty Terms and Conditions, please visit: PrometheanWorld.com/ActivCare

INSTALLATION

The installation of this product should be completed by a Trained Promethean Installer. Use of components not supplied by Promethean or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit: Support.PrometheanWorld.com.

SUPPORT

For all Promethean Products, please visit: Support.PrometheanWorld.com