Portable Projector
V311W/V281W/V311X

High-performance, cost-effective projector offers easy, multifunction operation ideal for many applications especially for business and education.

WXGA models available

Two WXGA models (V311W/V281W) with a resolution of 1280 x 800 are available to support aspect ratios of the more and more popular widescreen computers.

High brightness 3100 ANSI lumens (V311W/V311X)

High contrast ratio 3000:1

Built-in 7 W speaker for integrated audio solutions

Equipped with an HDMI input port

This series is equipped with an HDMI port, which enables them to project digital image signals in high resolution. The HDMI input also supports audio signals.

Quick Power Off & Direct Power Off

The Quick Power Off function stops the cooling fan immediately after turning off the power to the projector, which makes it possible to remove the projector quickly. For a rapid shut down, the projector can be turned off without powering it off using the Direct Power Off function and a power strip equipped with a switch and breaker.

Project 3D images with a single projector

Project 3D content* from various sources with a single projector. The V311W and V311X are certified as a display device for NVIDIA® 3D Vision.

*Commercially available DLP Link compatible LCD shutter eyeglasses are required.

Carbon meter for visualising ecology

The projector employs the Carbon Meter indicating the reduced amount of CO_2 emissions in Eco Mode. Visually confirm the numerical value indicating the reduction in CO_2 emissions in comparison with Eco Mode Off operation.

Low power consumption in power-saving mode

Power consumption in power-saving mode is 0.4 W (100-130 V AC) / 0.5 W (200-240 V AC). These enhancements help to reduce the TCO (total cost of ownership).

Crestron RoomView

This support provides unified management, including the ability to switch the power on and off for multiple projectors connected to a network.

Virtual Remote Tool for operation of projectors from a computer
*Use the included Virtual Remote Tool software.

Long life lamp of 5000 hours (Eco Mode on)

Wired LAN Connectivity

Wall Colour Correction for vivid images even without a screen

Vertical Keystone Correction +/-40 degrees

Direct power on starts projection immediately by inserting the power cord into an outlet

Security bar and password protection functions

Front ventilation for effective heat dissipation

High altitude mode (12000 ft / 3600 m or higher)

DLP TEXAS INSTRUMENTS

DLP® 3D READY

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

V311W
| 3100 ANSI lumens | WXGA | 2.5 kg |

V281W
| 2800 ANSI lumens | WXGA | 2.5 kg |

V311X
| 3100 ANSI lumens | XGA | 2.5 kg |

Specifications

		V311W	V281W	V311X
DLP Chip		0.65 inch DLP (Aspect Ratio 16:10)		0.55 inch DLP (Aspect Ratio 4:3)
Resolution *1		1280 × 800 pixels		1024 x 768 pixels
Lens		Manual zoom (×1.1) / Manual focus, f=21.9-24.0 mm F2.50-2.67		Manual zoom (×1.1) / Manual focus, f=21.8-24.0 mm F2.41-2.55
Lamp (Eco Mode On / Off)		170 W / 225 W AC		
Lamp Life (Eco Mode On / Off) *2		5000 H / 3000 H		
Image Size (Projection Distance)		30 - 300 inches		
Color Reproduction (White/Black)		16.7 million colours simultaneously, Full colour		
Light Output *3	Eco mode Off		2800 ANSI lumens	
	Eco mode On	3100 ANSI lumens	Approx. 75% of Eco Mode off	3100 ANSI lumens
Contrast Ratio (white/Black) *4		3000:1		
Maximum Resolution		UXGA (1600 x 1200) with scanning technology		
Scan Rate	Horizontal	15 - 100 kHz (RGB: 24 - 100kHz)		
	Vertical	50 - 120 Hz (over 85 Hz signal must be lower than XGA resolution)		
Keystone Correction		Manual approx. ± 40 degrees max		
Input Terminals	Computer	2 x Mini D-Sub 15 pin		
	Audio	2 x Stereo Mini Jack		
	Component	2 x Mini D-Sub pin (shared with Computer Input)		
	Audio	2 x Stereo Mini Jack (shared with Computer Input)		
	HDMI	1 x HDMI Type A		
	Audio	1 x HDMI Type A		
	S-Video	1 x Mini Din 4 pin		
	Audio	2 x RCA pin		
	Video	1 x RCA pin		
	Audio	2 x RCA pin (shared with S-Video)		
Output Terminals		1 x Mini D-Sub 15 pin		
	Audio	1 x Stereo Mini Jack		
Wired LAN Port		1 x RJ-45 (10BASE-T / 100BASE-TX)		
Control Terminal		1 x D-Sub 9-pin		
Built-in Speaker		7 W Monaural		
Quietness (Eco Mode On / Eco Mode Off)		33 dB / 37 dB		
Environment	Operational Temperatures	5 - 40°C ([ECO MODE] is set automatically to [ON] at 35 - 40°C), 20 - 80% humidity (non-condensing)		
	Storage Temperatures	-10 - 50°C, 20 - 80% humidity (non-condensing)		
Power Requirement		100 - 240 V AC, 50/60 Hz		
Input Current		3.0 A - 1.4A (+ version : 1.6A (200V))		
Power Consumption	Eco Mode On	216 W / 210 W		
(100 - 130 V / 200 - 240 V)	Eco Mode Off	278 W / 268 W		
	Standby Mode — Normal	3 W / 4 W		
	Standby Mode — Power-saving	0.4 W / 0.5 W (Less than 1 W)		
Calorific Value (100 - 130 V / 200 - 240 V)		948 BTU / 914 BTU(Max)		
Net Dimensions (W x H x D)		310 mm x 95 mm x 247 mm (not including protrusions)		
Weight		2.5 kg		
Gross Dimensions (W x H x D)		431 mm x 183 mm x 361 mm		
Gross Weight		4.1 kg		
Accessories		Power cord, Remote control, Batteries, Computer cable, CD-ROM (User's manual), Quick setup guide, Important information		
Regulations	For United States	UL Approved (UL 60950-1), meets FCC Class B requirements		
	For Canada	C-UL Approved (CSA 60950-1), meets DOC Canada Class B requirements		
	For Europe	Meets EMC Directive (EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3), meets Low Voltage Directive (EN60950-1, TÜV GS approved)		
	For Asia/Oceania	IEC60950-1, meets AS/NZS CISPR.22 Class B		
	For Korea	KC (safety: K60950-1, EMC : K00022, K00024, K61000-3-2)		
	For China	GB4943, GB9254, GB17625.1		
	For Russia	Gost R 60950-1, 51318.22, 51317.3.2. /3.3.		
	For Saudi Arabia	SASO IEC60950-1		

*1: Effective pixels are more than 99.99%. *2: Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it does not refer to the warranty period for the lamp. *3: This is the light output value (ANSI lumens) when the [PRESET] mode is set to [HIGH-BRIGHT]. If any other mode is selected as the [PRESET] mode, the light output value may drop slightly. *4: Compliance with ISO21118-2005
All specifications are subject to change without notice.

● Throw Distance and Screen Size
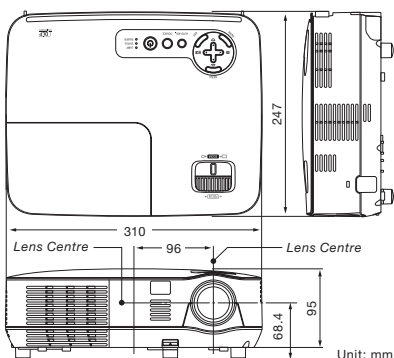
The values in the tables are design values and may vary.

Screen centre
bottom
Bottom height
Lens centre
Approximately 68 mm
Throw distance
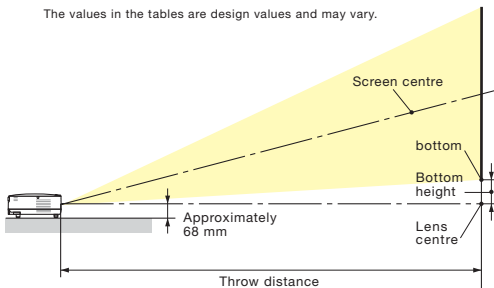
V311W / V281W
(Aspect ratio 16:10)

Screen Size (inches)	Throw Distance (m) Wide	Throw Distance (m) Tele	Bottom Height (cm)
30" (0.65x0.40)	1.00	1.10	5.1
40" (0.86x0.54)	1.34	1.46	6.7
60" (1.29x0.81)	2.00	2.20	10.1
80" (1.72x1.08)	2.67	2.93	13.5
100" (2.15x1.35)	3.34	3.66	16.8
120" (2.59x1.62)	4.00	4.39	20.2
150" (3.23x2.02)	5.00	5.49	25.3
180" (3.88x2.42)	6.00	6.59	30.3
200" (4.31x2.69)	6.67	7.32	33.7
240" (5.17x3.23)	8.01	8.78	40.4
300" (6.46x4.04)	10.01	10.98	50.5

V311X
(Aspect ratio 4:3)

Screen Size (inches)	Throw Distance (m) Wide	Throw Distance (m) Tele	Bottom Height (cm)
30" (0.61x0.46)	1.18	1.32	6.9
40" (0.81x0.61)	1.57	1.76	9.1
60" (1.22x0.91)	2.36	2.64	13.7
80" (1.63x1.22)	3.15	3.52	18.3
100" (2.03x1.52)	3.93	4.40	22.8
120" (2.44x1.83)	4.72	5.28	27.4
150" (3.05x2.29)	5.90	6.60	34.3
180" (3.66x2.74)	7.08	7.92	41.1
200" (4.06x3.05)	7.87	8.80	45.7
240" (4.88x3.66)	9.44	10.56	54.8
300" (6.10x4.57)	11.80	13.20	68.5

● Cabinet Dimensions

247
310
Lens Centre   96   Lens Centre
68.4   95
Unit: mm

● Terminals

Computer 1 IN — Audio OUT — Monitor OUT(COMP 1) — LAN Port
Audio IN — S-Video IN
HDMI IN — Video IN
PC Control — Audio IN — Computer 2 IN — Audio IN
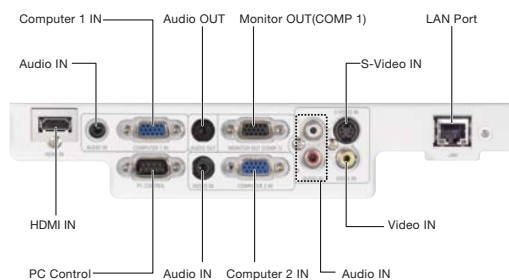
● Remote control
(included accessory)

● Options

Replacement lamp
NP18LP