

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 CO₂ emissions in Eco Mode. Visually confirm the numerical value indicating the reduction in CO₂ 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)



V311W

3100 ANSI lumens WXGA 2.5kg

V281W

2800 ANSI lumens WXGA 2.5kg

V311X

3100 ANSI lumens XGA 2.5kg

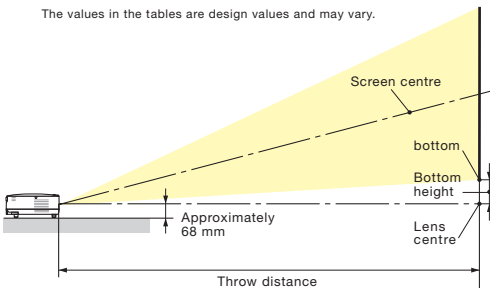
Specifications

		V311W	V281W	V311X
DLP Chip		0.65 inch DLP (Aspect Ratio 16:10)		0.55 inch DLP (Aspect Ratio 4:3)
Resolution *1		1280 x 800 pixels		1024 x 768 pixels
Lens		Manual zoom (x1.1) / Manual focus, f=21.9-24.0 mm F2.50-2.67		Manual zoom (x1.1) / 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		2800 ANSI lumens		3100 ANSI lumens
		Eco mode Off		
		Eco mode On	3100 ANSI lumens	Approx. 75% of Eco Mode off
Contrast Ratio (white/Black) *4		3000:1		
Maximum Resolution		UXGA (1600 x 1200) with scanning technology		
Scan Rate		Horizontal Vertical		15 - 100 kHz (RGB: 24 - 100kHz) 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 2 x Stereo Mini Jack
		Audio		
		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		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 Storage Temperatures		5 - 40°C ([ECO MODE] is set automatically to [ON] at 35 - 40°C), 20 - 80% humidity (non-condensing) -10 - 50°C, 20 - 80% humidity (non-condensing)
Power Requirement		100 - 240 V AC, 50/60 Hz		
Input Current		3.0 A - 1.4 A (+ version : 1.6A (200V))		
Power Consumption		Eco Mode On Eco Mode Off		216 W / 210 W 278 W / 268 W
		Standby Mode		3 W / 4 W
		Power-saving Mode		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 For Canada For Europe For Asia/Oceania For Korea For China For Russia For Saudi Arabia		UL Approved (UL 60950-1), meets FCC Class B requirements C-UL Approved (CSA 60950-1), meets DOC Canada Class B requirements Meets EMC Directive (EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3), meets Low Voltage Directive (EN60950-1, TÜV GS approved) IEC60950-1, meets AS/NZS CISPR.22 Class B KC (safety: K60950-1, EMC : K00022, K00024, K61000-3-2) GB4943, GB9254, GB17625.1 Gost R 60950-1, 51318.22, 51317.3.2, /3.3. 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.



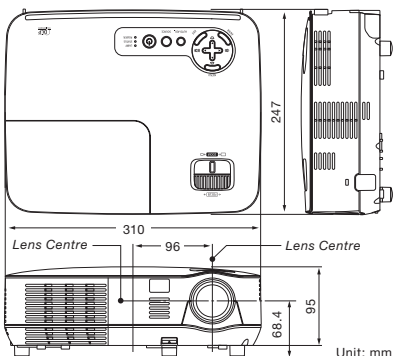
V311W / V281W (Aspect ratio 16:10)

Screen Size (inches)	Throw Distance (m)		Bottom Height (cm)
	Wide	Tele	
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

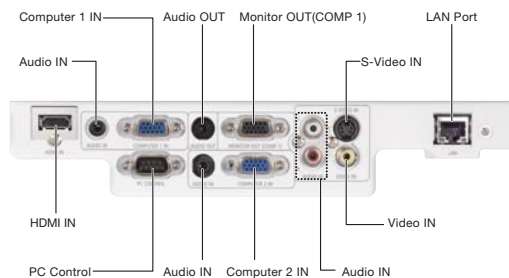
V311X (Aspect ratio 4:3)

Screen Size (inches)	Throw Distance (m)		Bottom Height (cm)
	Wide	Tele	
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



Terminals



Remote control (included accessory)



Options



Replacement lamp
NP18LP



- The projector can be unplugged during its cool down period after it is turned off. Parts of the projector will become heated during operation.
- Use caution when picking up the projector immediately after it has been operating.
- Use caution when putting the projector in the soft case immediately after the projector has been operating. The projector cabinet is hot.

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