

# CP2308-G

# Specifications

Learn about the product specifications. Due to continuing research, specifications are subject to change without notice.

## Disclaimer statement

The CP2308-G subassembly is not a functional product. Hazard labels must be placed on the end product. The end product must meet the regulatory compliance requirements for China.

## Physical specifications

Learn the dimensions and weight of the projector.

Item	Description
Size (L x W x H) (without the lens, and with the feet at minimum length)	697 mm (27.4 inches) x 688 mm (27.1 inches) x 395 mm (15.6 inches)
Weight—installed with the lens	38 kg (84 lbs)
Shipping weight	62.5 kg (138 lbs)
Touch panel (W x H x D)	248.2 mm x 166.8 mm x 36.3 mm

## Power specifications

Learn the power requirements for the projector.

### AC input (A)

Item	Description
Voltage range	200 - 240 VAC
Line frequency	50/60 Hz nominal
Inrush current	100 A (at 240 VAC)
Current consumption	16 A maximum (at 200 VAC)
Power consumption	3200 W maximum
Current rating of AC input	IEC-320-C19/20 A

**UPS AC input (B)**

Item	Description
Activation	Discrete switch above the power inlet cord(s)
UPS inlet connector (rating for powering main electronics)	IEC-320-C13/10 A, 240 VAC
UPS type	Universal 100-240 VAC
Line frequency	50/60 Hz nominal
Current consumption	4 A maximum (at 100 VAC)

## Environmental specifications

Learn about the environment requirements for projector while operating and not operating.

**Operating environment**

Item	Description
Temperature	15°C to 35°C (59°F to 95°F)
Humidity (non-condensing)	20% to 80%
Altitude	0 - 3000 meters
Maximum ambient temperature	35°C

**Non-operating environment**

Item	Description
Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity (non-condensing)	0% to 95%

## Display specifications

Learn the display specifications of the projector.

**Panel resolution and refresh rate**

Pixel format (H x V square pixels)	2048 x 1080
Processing path	23.97 - 120Hz

**Color and gray scale**

Displayable colors	35.2 trillion
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Gray scale resolution	45 bits total linear, 15 bits per RGB component
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**White point**

<b>Nominal White (full white, after calibration to Telecine mode, Theaters)</b>	
x = 0.314 ± 0.006	
y = 0.351 ± 0.006	

**Gamma**

Theater (nominal)	2.6 ± 5%
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## Control signal compatibility

Learn the control signal compatibility for the projector.

**Ethernet port**

Interface	10Base-T/(IEEE 802.3)/100BASE-TX(IEEE 802.3u)/1000BASE-TX(IEEE 802.3ab)
Connector	Female RJ-45
Bit rate	1000 Mbps

**eSATA/USB 2.0 ingest**

Interface	USB 2.0/SATA revision 2.0
Connector	USB Type "A"/eSATA
Bit rate	480 Mbps/3.0 Gbps
Available power for devices	2A @ 5V (TBC)

**USB 3.0 ingest**

Interface	USB 3.0
Connector	USB Type "A"
Bit rate	5.0 Gbps
Available power for devices	2A @ 5V (TBC)

**GPIO port**

Interface	Opto-LED inputs, relay outputs
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Number of I/O lines	16 - 4 inputs, 4 outputs, 1 health signal output
Connector	Terminal blocks
Wire size accepted	28-20 AWG
GPI diode forward current	5mA nominal, 50mA maximum
GPI diode forward voltage	1.1V nominal, 1.4V maximum (@ 5mA)
GPI relay continuous current	1A
GPO relay output rating	60V
Output supply voltage	5VDS @ 200 mA

**3D port**

Interface	Proprietary 3D connector
Connector	15-pin subminiature D, female
Bit rate	115,200 bps
Flow control	Software
Data format	1 start bit, 8 data, 1 stop bit, no parity
Communication protocol	RS232 and GPIO

**AES3 audio output**

Interface	16-Channel AES3 Digital Audio
Connector	RJ-45

**VGA user interface display**

Interface	VGA
Connector	15-pin high density subminiature D, female

**DVI user interface display**

Interface	DVI
Connector	24-pin DVI-I female

**USB touch panel input**

Interface	USB 2.0
Connector	USB Device Standard Size ("Series A")
Bit rate	480 Mbps

## Touch panel specifications

Learn the specifications of the touch panel.

Type of Display	Color LCD, backlit
Display Size	256.54 mm (10.1 inches) diagonal
Display Resolution (H x V pixels)	1280 x 800
Maximum Dimensions (W x H x D)	248.2 mm x 166.8 mm x 36.3 mm
Communication Interface with Projector	VGA/USB
Power Requirement	6W (12 V @ 500 mA)
Interface Connector	VGA/USB/ Power on custom cable

## Accessories

Learn what accessories are available for the projector.

### Standard (sold with product)

- Touch panel with interface cable
- User Manual (with containing additional technical documentation)
- Power Cord
- Lamp
- Lens
- Air Filters
- Stacking Kit

### Zoom lenses

- 1.2-1.72 .69" DLPCine Zoom (108-494108-XX)
- 1.33-2.1 .69" DLPCine Zoom (108-495109-XX)
- 1.62-2.7 .69" DLPCine Zoom (108-496100-XX)
- 2.09-3.9 .69" DLPCine Zoom (108-497101-XX)

### Replacement lamps

- CDXL-14M (003-003066-XX)
- CDXL-16M (003-003900-XX)
- CDXL-19SC (003-005366-XX)
- CDXL-21S1 (003-004258-XX)

### Air filters

- Replacement Light Engine Air Filter (003-004460-XX)
- Replacement Air Filter (003-002311-XX)
- Replacement Light Engine Washable Air Filter (003-004654-XX)
- Replacement Card Cage Washable Air Filter (003-004655-XX)

### Miscellaneous

- Rack Stand (108-416102-XX)
- Extractor Adapter Kit (119-103105-XX)

## Regulatory

This product conforms to the latest regulations and standards related to product safety, environmental requirements, and electromagnetic compatibility (EMC). Products sold as subassemblies are also designed to conform to the latest regulations and standards related to product safety, environmental requirements, and EMC compatibility.

## Safety

- CAN/CSA C22.2 No. 60950-1
- ANSI/UL 60950-1 - Information Technology Equipment – Safety – Part 1: General Requirements
- IEC 60950-1 IEC/EN 60950-1 - Information Technology Equipment – Safety – Part 1: General Requirements
- EN 60950-1

## Electro-magnetic compatibility

### Emissions

- FCC CFR47, Part 15, Subpart B, Class A - Unintentional Radiators
- CAN ICES-003 (A)/NMB-003 (A) - Information Technology Equipment (Including Digital Apparatus) - Limits and Methods of Measurement

### Immunity

- CISPR 24/EN55024 EMC Requirements

## Environmental

EU Directive (2011/65/EU) on the restriction of the uses of certain hazardous substances (RoHS) in electrical and electronic equipment and the applicable official amendment(s).

EU Regulation (EC) No. 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH) and the applicable official amendment(s).

EU Directive (2012/19/EU) on waste and electrical and electronic equipment (WEEE) and the applicable official amendment(s).

China Ministry of Information Industry (along with 7 other Government Agencies) Order No.32 (01/2016) on the control of pollution caused by electronic information products, hazardous substances concentration limits (GB/T 26572 - 2011), and the applicable product marking requirement (SJ/T 11364 - 2014).

International packaging recycling mark requirements.

- EU Directive (94/62/EC) on packaging and packaging waste
- China packaging recycling mark standard (GB18455-2010)