



# USERS GUIDE INFOCUS QUANTUM LASER NEMESIS I, NEMESIS II

**InFocus**

REGULATORY MODEL	SERIES	LENS TYPE/ RESOLUTION	WXGA	1080P	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	IN1008SL	–	–
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	IN1026SL	IN1028SL	–	–
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	IN1026ST	IN1028ST	–	–



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## 1. ABOUT THIS GUIDE

### 1.1 DESCRIPTION OF THE USER

This document is intended for anyone who will install, setup, or use the projector.

### 1.2 CONVENTIONS USED IN THIS GUIDE

The following style conventions are used in this document:

#### **Bold**

- Names of product elements, commands, options, and programs.
- Names of interface elements (such windows, dialog boxes, buttons, fields, and menus).
- Interface elements the user selects, clicks, taps, or types.

#### *Italic*

- Publication titles.
- Emphasis (for example, a new term).

### 1.3 EXPLANATION OF SAFETY WARNINGS



#### **WARNING**

“WARNING” indicates a hazard with a medium to high level of risk which, could result in death or serious injury.



#### **ATTENTION**

“ATTENTION” indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.



#### **INFORMATION**

“INFORMATION” Indicates information considered important, but not hazardrelated.

### 1.4 RETAINING INSTRUCTIONS

Keep all safety information and instructions for future reference and pass them on to subsequent users of the product.



#### **WARNING**

Ensure that each person who uses the product has read and understood this guide and its safety instructions before using this product. Failure to do so can result in serious injury or death.



#### **ATTENTION**

Follow all the instructions. This will avoid fire, explosions, electric shocks, or other hazards that may result in damage to property and/or severe or fatal injuries.



#### **INFORMATION**

The manufacturer is not liable for cases of material damage or personal injury caused by incorrect handling or non-compliance with the safety instructions. In such cases, the warranty will be voided.



## 1.5 OBTAINING DOCUMENTATION AND INFORMATION

The latest version of this document can be obtained by visiting:

- <https://infocus.com/product/infocus-nemesis-ii-series/>

## 1.6 DOCUMENTATION FEEDBACK

If you are reading product documentation on the internet, any comments can be submitted [Here](#). We appreciate your comments.


## 1.7 SUPPORT AND SERVICE

Please contact the support team in your region for technical and product support. Alternatively, you may contact your local distributor if you are in Asia or Australia.

### Americas

Monday – Friday

6am – 5pm PST

 +1877-388-8360


 [support@infocus.com](mailto:support@infocus.com)

 [infocus.com/support](https://infocus.com/support)

### Europe, Middle East & Africa

Monday – Friday

8am – 5pm CET

 [eusupport@infocus.com](mailto:eusupport@infocus.com)

 [infocus.com/support](https://infocus.com/support)

### Asia Pacific

Monday – Friday

8am – 5pm ICT

 [apsupport@infocus.com](mailto:apsupport@infocus.com)

 [infocus.com/support](https://infocus.com/support)

## 2. PRODUCT DESCRIPTION

### 2.1 FEATURES

#### 2.1.1 P141: IN1006SL, IN1008SL

##### **Environmentally-Friendly Laser Technology**

The Core II Series, part of our Quantum Laser line of projectors, are deployed with solid-state laser light source technology. The complete Quantum Laser range is lamp, filter, mercury, and maintenance-free. The ultra-low energy usage for its class and long-standing durability and performance offers outstanding value and low cost of ownership.

##### **4K Support**

Simply stunning image quality with up to 1920 x 1080 native resolution and HDMI 2.0 (HDCP 2.2) 4K support on Full HD models. HDR compatible for like life texture details and improved image depth perception.

##### **SuperSmartProject**

Our SuperSmartProject suite of power-saving, power optimisation, and utilization features and functions combine ease of use and energy saving for your everyday use. Instant power on, signal power on, instant power off, auto power-off, 10 step illumination reduction, and Dynamic Black optimization all enhance your viewing experience while optimizing energy usage.

##### **Flexible Installation**

Flexibility for almost every surface with front, rear, and ceiling placement as well as floor to ceiling and ceiling to floor projection, full 360-degree placement across the horizontal axis and not forgetting both landscape and portrait modes ideal for retail display purposes, fixed installations, bars, clubs, and restaurants.

##### **24/7 operation**

The design of the projector allows it to operate 24 hours a day in standard orientation.

For optimum performance, InFocus recommends that your projector is turned off or placed in standby mode for 30 minutes every 24 hours to prolong the life of the projector light source. The projector has warranty coverage based on standard business usage hours.

##### **Advanced security features**

A Kensington Lock Port™ keypad PIN protection with Timer Functions.

##### **IP6X airtight optics**

Featuring IP6X dust resistance rating. Outstanding dust resistance ensures industry-leading durability; paramount for 24/7 maintenance-free operation in demanding environments.

#### 2.1.2 P127: IN1026SL, IN1028SL & P128: IN1026ST, IN1028ST

The Quantum Laser Nemesis II Series Projectors are the perfect combination of energy efficiency and outstanding visual performance, offering brilliant brightness and deep contrast for applications that demand high-quality visuals. Ideal for corporate environments, houses of worship, exhibitions, museums, and art installations, it delivers stunning, immersive imagery with ultimate flexibility. With 360-degree projection, image correction capabilities, and an incredible lifespan, the Quantum Laser Nemesis II Series ensures flawless setup and adaptability in any space, making it the go-to solution for static and dynamic displays.

### FEATURES

#### **Incredible Longevity with Virtually Maintenance-Free Operation**

Built to last with an incredible light source lifespan of up to 30,000 hours, the Nemesis II Series is virtually maintenance-free, minimizing downtime, and perfect for any space that demands a reliable, long-term solution.

**True-to-Life Visuals for an Immersive and Compelling Visual Experience**

Enhanced with cutting-edge sRGB technology, which ensures a wider colour gamut and natural, consistent color reproduction as the image originally intended, it guarantees colour consistency across platforms, ensuring your branding and design stay true from screens to projectors.

**Standard Throw And Short Throw Options In WXGA And 1080p Resolution**

The Nemesis II Series offers both standard throw and short throw options, giving you the flexibility to choose the ideal setup for your space. With resolutions available in both WXGA and 1080p, you can expect crisp, clear visuals in any setting, from presentations to classrooms, or immersive media displays.

**Seamless Integration Capabilities with Enhanced Connectivity Options**

The Nemesis II Series delivers versatile connectivity, supporting all major networking protocols and Crestron Connect 2.0 certification for centralized control. Ideal for corporate, educational, or large-scale events, it's a reliable, robust solution for diverse projection needs.

**360 Degree And Portrait Projection**

With the unparalleled flexibility of 360-degree projection for dynamic and creative installations, businesses, educators, and creatives can display your content exactly how and where you need it. You can even opt for portrait projection, which is useful for retail applications. The Nemesis II Series lets you rotate the projector in any direction—horizontal, vertical, or at an angle—while maintaining perfectly aligned images without sacrificing quality.

**Effortless Image Adjustments**

You can easily adjust the image horizontally or vertically with the lens shift to fit the screen without moving the projector. The Nemesis II Series also allows you to fine-tune each corner of the image independently with its advanced 4-point image correction, ensuring perfect alignment and distortion-free projection, even in challenging or unconventional spaces.

**Eco-Friendly Projection Delivers 45% More Energy Efficiency with Green Laser Technology**

Harnessing cutting-edge green laser technology, the Nemesis II delivers exceptional brightness of 5000 lumens on standard throw and 4000 lumens on short throw models while consuming 45% less power than traditional lamp-based projectors. This energy-efficient solution reduces your operational costs and aligns with eco-friendly initiatives, making it an ideal choice for businesses, educational institutions, and organizations focused on sustainability.

## 2.2 INTENDED USE AND REASONABLY FORESEEABLE MISUSE

The product may only be used in accordance with the instructions described in this guide. Any use other than those described in this guide is considered non-intended use and will void the warranty.

The ambient operating environment should be free of airborne smoke, grease, oil, and other contaminants that can affect the operation or performance of the projector.

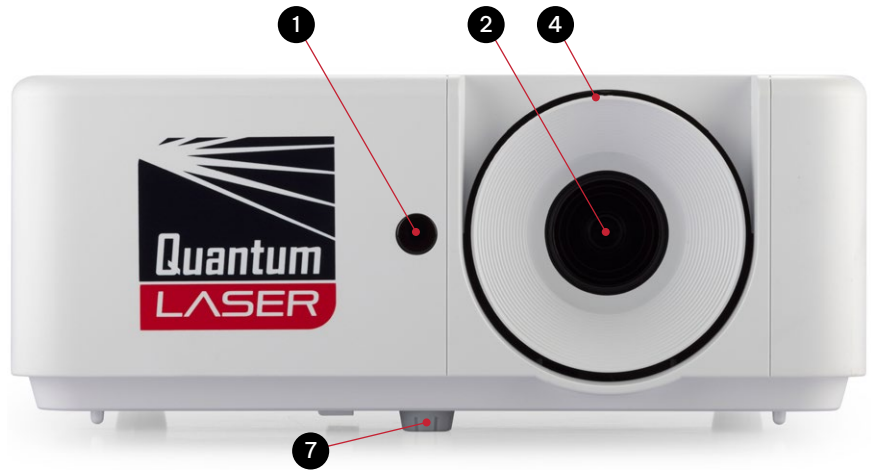
**WARNING**

**Do not use the product near water or moisture. Do not expose the product to rain, steam or condensation to reduce the risk of fire or electric shock.**

## 2.3 PRODUCT ELEMENTS

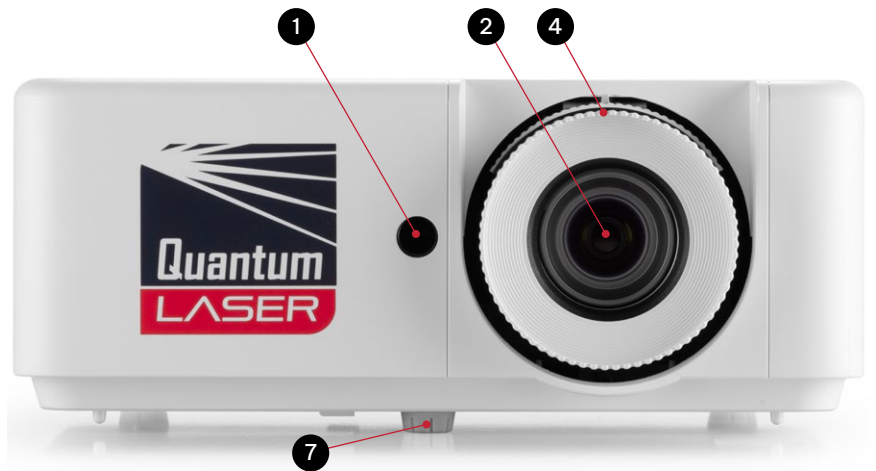
### 2.3.1 FRONT

a)



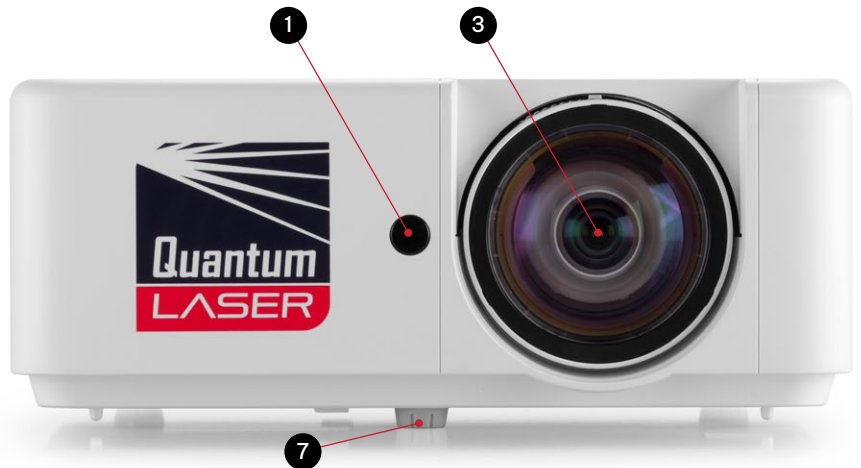
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	IN1008SL	-	-

b)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	IN1026SL	IN1028SL	-	-

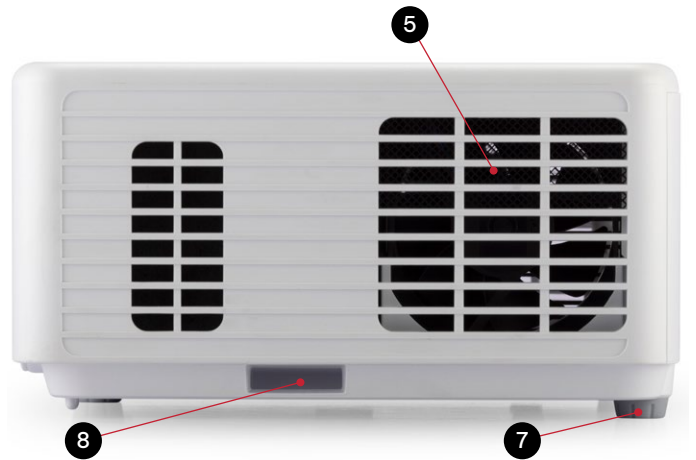
c)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	IN1026ST	IN1028ST	-	-

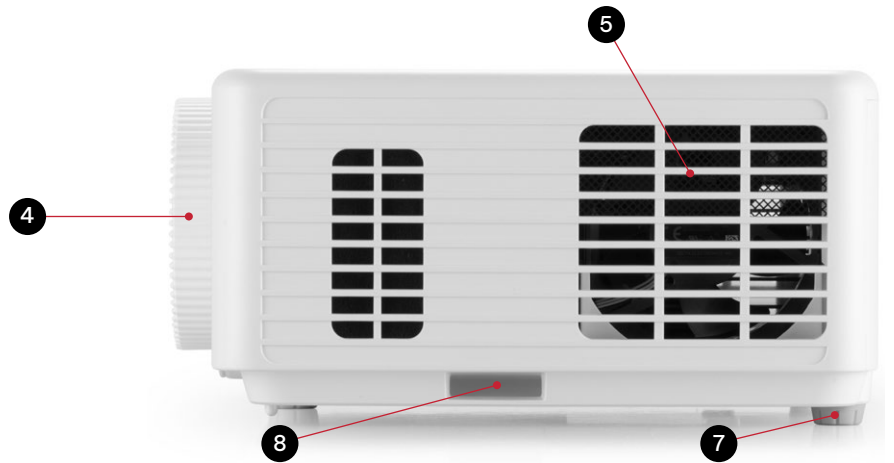
### 2.3.2 RIGHT SIDE

a)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	IN1008SL	-	-
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	IN1026ST	IN1028ST	-	-

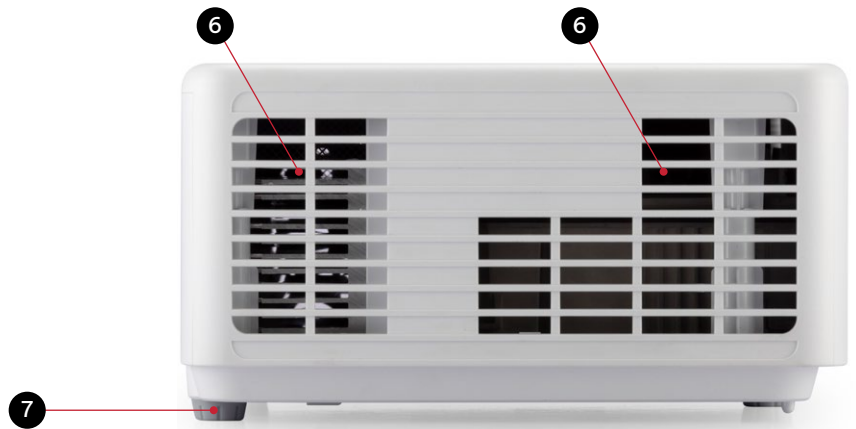
b)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	IN1026SL	IN1028SL	-	-

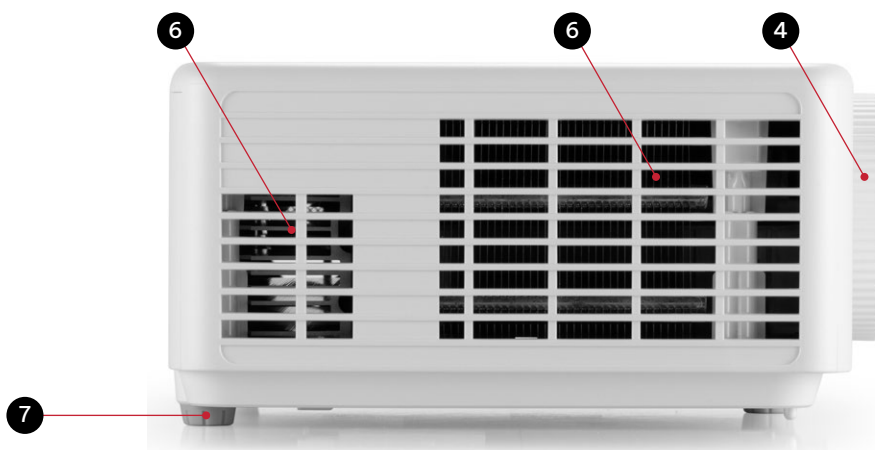
### 2.3.3 LEFT SIDE

a)



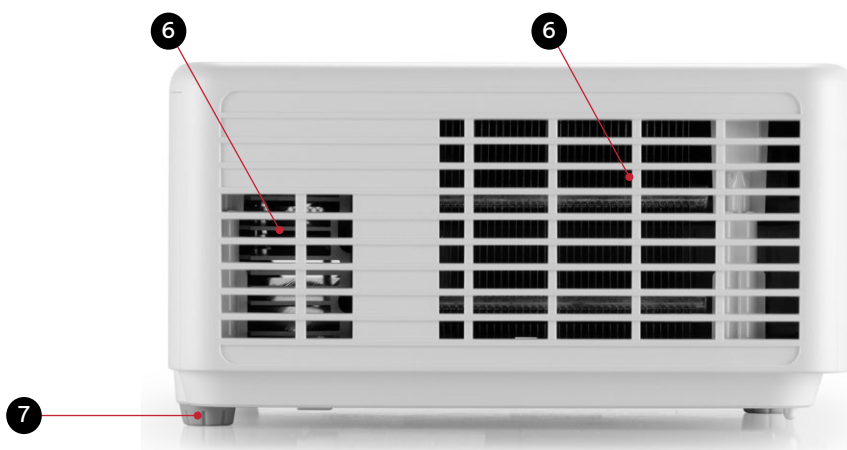
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	IN1008SL	-	-

b)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	IN1026SL	IN1028SL	-	-

c)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	IN1026ST	IN1028ST	-	-

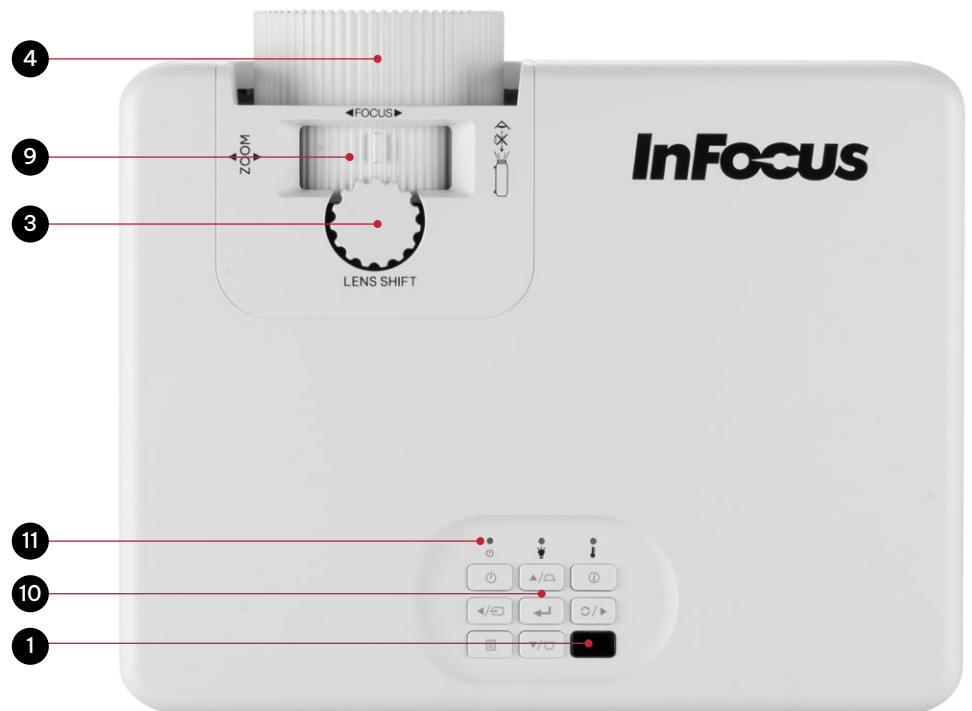
## 2.3.4 TOP

a)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	IN1008SL	-	-

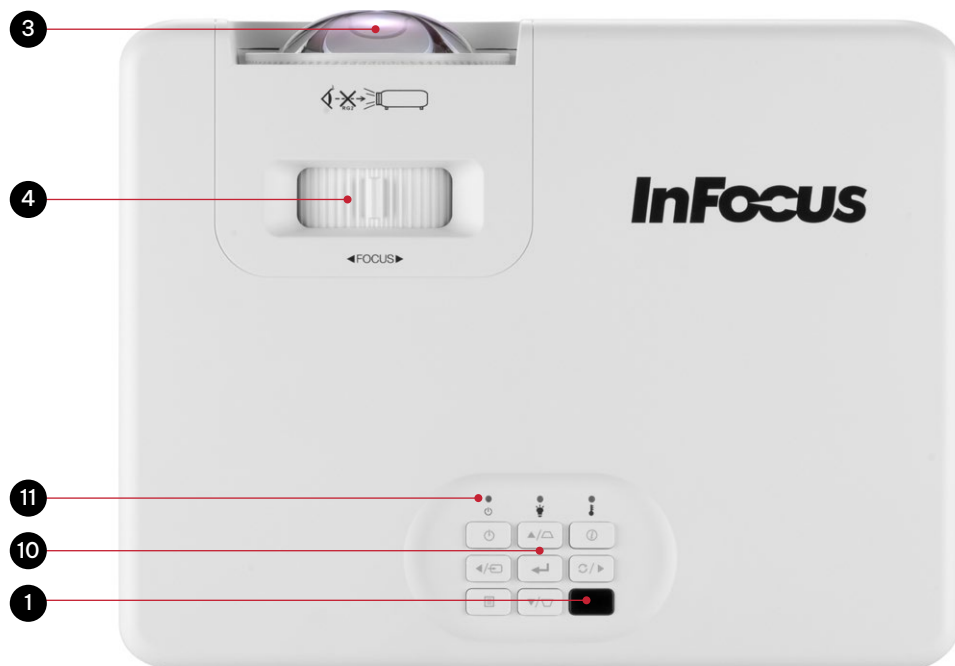
b)



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	IN1026SL	IN1028SL	-	-



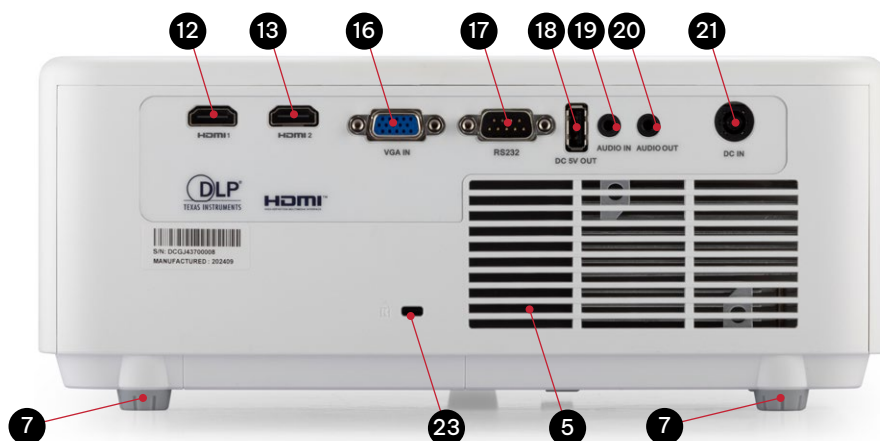
c)



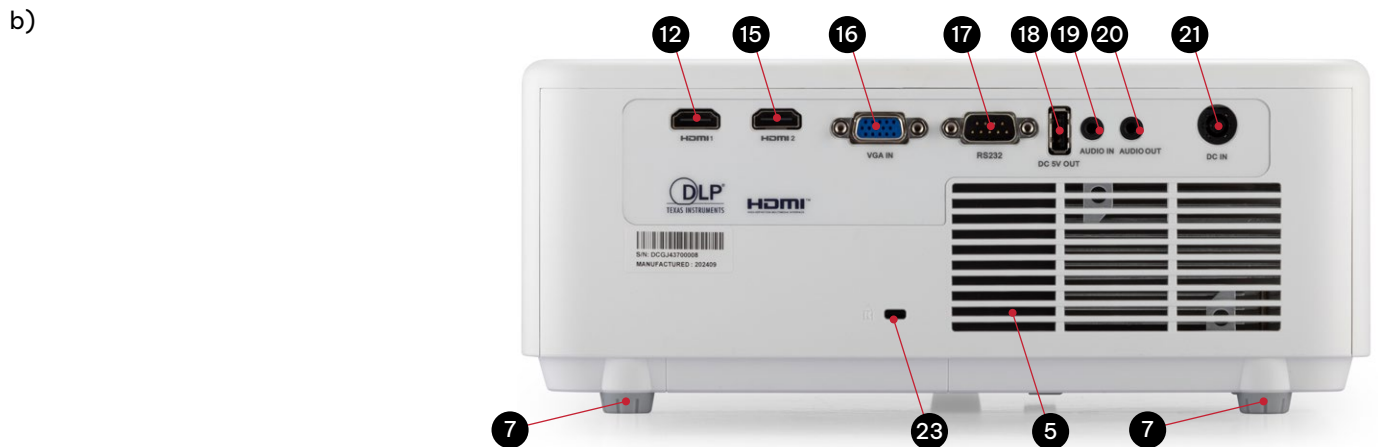
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	IN1026ST	IN1028ST	-	-

### 2.3.5 BACK

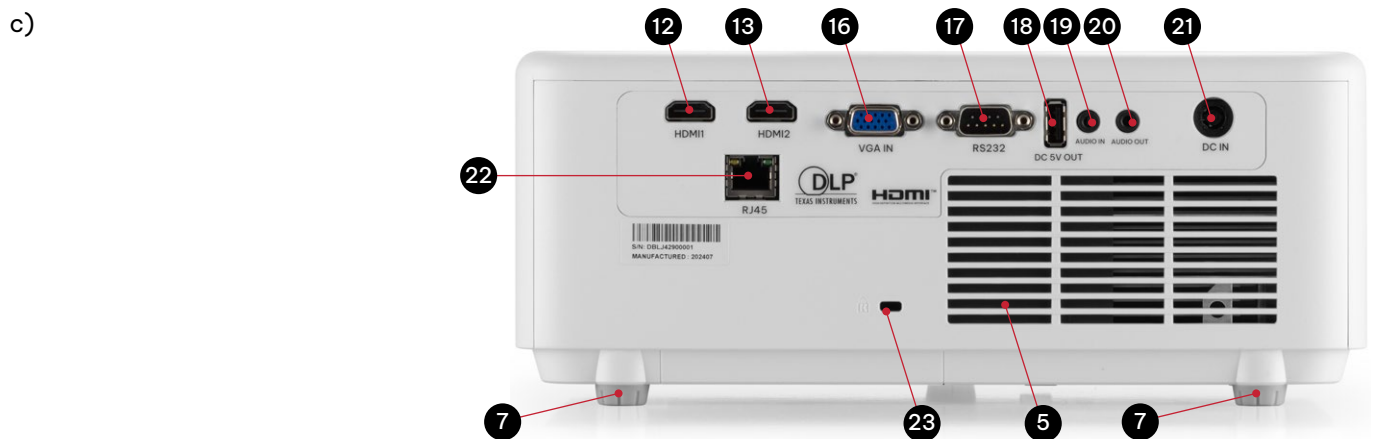
a)



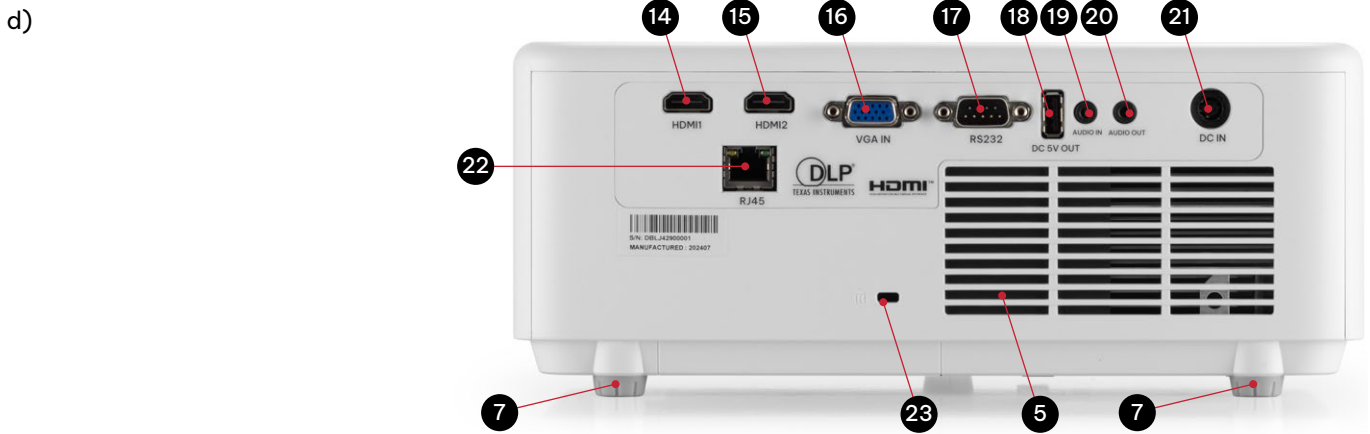
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	-	-	-



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	-	IN1008SL	-	-



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	IN1026SL	-	-	-
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	IN1026ST	-	-	-



REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P127	INFOCUS QUANTUM LASER NEMESIS II	STANDARD THROW	-	IN1028SL	-	-
P128	INFOCUS QUANTUM LASER NEMESIS II	SHORT THROW	-	IN1028ST	-	-

REFERENCE	DESCRIPTION	REFERENCE	DESCRIPTION
1	Remote control IR receiver	12	HDMI 1, 1.4 Input
2	Standard throw zoom lens	13	HDMI 2, 1.4 Input
3	Short throw fixed lens	14	HDMI 1, 2.0 Input
4	Focus adjustment ring	15	HDMI 2, 2.0 Input
5	Air Intake grill	16	VGA Input
6	Air exhaust grill	17	RS232 Control
7	Adjustable feet	18	USB A Power Out 5V/1.5A
8	Security Bar	19	3.5mm Audio Input
9	Zoom adjustment ring	20	3.5mm Audio Output
10	Keypad	21	Power Cord AC IN
11	LED function lights	22	RJ45 Networking and Control
		23	Kensington Lock Slot

### 3. SAFETY

Please refer to the detailed safety guide which is included with your product.

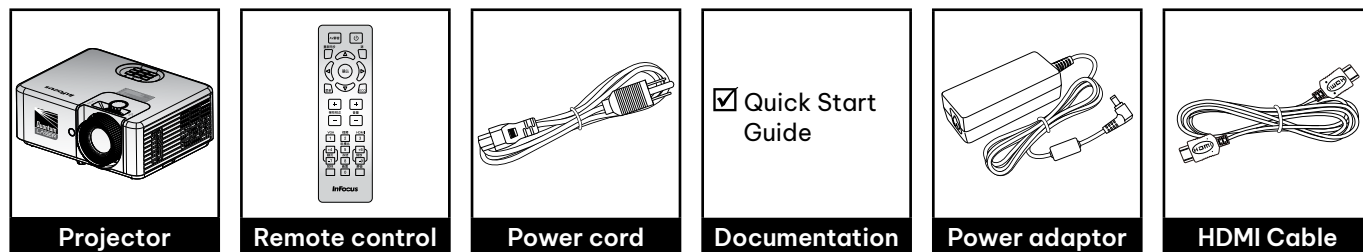


**WARNING**

**Read and understand this guide and its safety instructions before using this product. Failure to do so can result in serious injury.**

## 4. UNPACKING AND INSTALLING

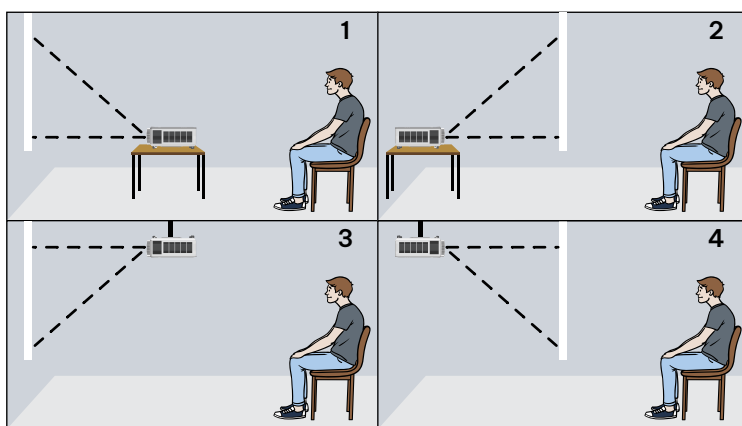
### 4.1 PACKAGING CONTENTS



### 4.2 INSTALLATION INSTRUCTIONS

Your projector is designed to be installed in one of four possible positions. Your room layout or personal preference will dictate which installation location you select. Take into consideration the size and position of your screen, the location of a suitable power outlet, as well as the location and distance between the projector and the rest of your equipment.

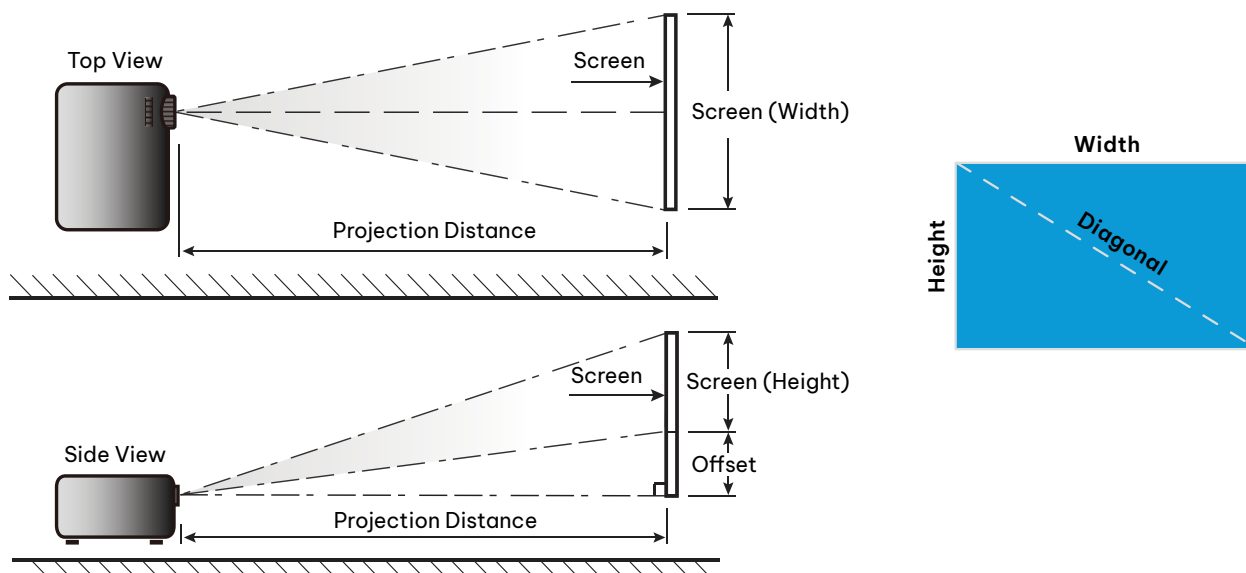
1. Table mounted front projection
2. Table mounted rear projection
3. Ceiling mounted front projection
4. Ceiling mounted rear projection



### 4.3 PLACEMENT AND DISTANCE FROM THE SCREEN

The projected image size will increase based on the projector's distance from the screen or projection surface. You can use the following tables to determine the best location for the projector and screen.

#### 4.3.1 PROJECTION DISTANCE AND SCREEN SIZE



**P141 IN1006SL WXGA 1.1x ZOOM**

Diagonal Screen (inch)	Screen size				Projection distance				Offset	
	(m)		(inch)		(m)		(feet)		(m)	(inch)
	Width	Height	Width	Height	Wide	Tele	Wide	Tele		
30.1	0.65	0.41	25.59	15.75	–	1.0	–	3.28	0.05	1.97
40	0.86	0.54	33.86	21.26	1.0	1.3	3.28	4.27	0.07	2.76
50	1.08	0.67	42.52	26.38	1.3	1.7	4.27	5.58	0.09	3.54
60	1.29	0.81	50.79	31.89	1.5	2.0	4.92	6.56	0.10	3.94
70	1.51	0.94	59.45	37.01	1.8	2.3	5.91	7.55	0.12	4.72
80	1.72	1.08	67.72	42.52	2.0	2.7	6.56	8.86	0.13	5.12
90	1.94	1.21	76.38	47.64	2.3	3.0	7.55	9.84	0.15	5.91
100	2.15	1.35	84.65	53.15	2.5	3.3	8.20	10.83	0.16	6.30
120	2.58	1.62	101.57	63.78	3.0	4.0	9.84	13.12	0.20	7.87
150	3.23	2.02	127.17	79.53	3.8	5.0	12.47	16.40	0.25	9.84
180	3.88	2.42	152.64	95.4	4.6	6.0	15.09	19.69	0.30	11.81
200	4.31	2.69	169.69	105.91	5.1	6.6	16.73	21.65	0.34	13.39
250	5.38	3.37	211.81	132.68	6.4	–	21.00	–	0.41	16.14
300	6.46	4.04	254.33	159.06	7.6	–	24.93	–	0.50	19.69

**P141 IN1008SL 1080P 1.1x ZOOM**

Diagonal Screen (inch)	Screen Size W x H				Projection distance (D)				Offset (HD)	
	(m)		(inch)		(m)		(feet)		(m)	(inch)
	Width	Height	Width	Height	Wide	Tele	Wide	Tele		
28.3	0.63	0.35	24.67	13.87	–	1	–	3.28	0.04	1.57
40	0.89	0.5	34.86	19.6	1.1	1.4	3.61	4.59	0.05	1.97
50	1.11	0.62	43.58	24.5	1.3	1.8	4.27	5.91	0.06	2.36
60	1.33	0.75	52.29	29.4	1.6	2.1	5.25	6.89	0.07	2.76
70	1.55	0.87	61.01	34.3	1.9	2.5	6.23	8.2	0.09	3.54
80	1.77	1	69.73	39.2	2.1	2.8	6.89	9.19	0.1	3.94
90	1.99	1.12	78.44	44.1	2.4	3.2	7.87	10.5	0.11	4.33
100	2.21	1.25	87.16	49	2.7	3.5	8.86	11.48	0.12	4.72
120	2.66	1.49	104.59	58.8	3.2	4.2	10.5	13.78	0.15	5.91
150	3.32	1.87	130.74	73.5	4	5.3	13.12	17.39	0.18	7.09
180	3.98	2.24	156.88	88.2	4.8	6.3	15.75	20.67	0.23	9.06
200	4.43	2.49	174.32	98.1	5.4	7	17.72	22.97	0.25	9.84
250	5.53	3.11	217.89	122.6	6.7	8.8	21.98	28.87	0.31	12.2
300	6.64	3.74	261.47	147.1	8	–	26.25	–	0.37	14.57
374	8.28	4.66	325.97	183.4	10	–	32.81	–	0.46	18.11

### P127 IN1026SL WXGA 1.6x ZOOM

Diagonal Screen		Projection distance				Image Height		Vertical Offset	
		Wide		Tele					
(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
30	762	37.40	950	59.78	1519	15.90	404	1.97	50
40	1016	49.86	1267	79.71	2025	21.20	538	2.63	67
50	1270	62.33	1583	99.64	2531	26.50	673	3.29	83
60	1524	74.79	1900	119.57	3037	31.80	808	3.94	100
70	1778	87.26	2216	139.50	3543	37.10	942	4.60	117
80	2032	99.72	2533	159.42	4049	42.40	1077	5.26	134
90	2286	112.19	2850	179.35	4556	47.70	1212	5.91	150
100	2540	124.66	3166	199.28	5062	53.00	1346	6.57	167
110	2794	137.12	3483	219.21	5568	58.30	1481	7.23	184
120	3048	149.59	3800	239.14	6074	63.60	1615	7.89	200
130	3302	162.05	4116	259.06	6580	68.90	1750	8.54	217
140	3556	174.52	4433	278.99	7086	74.20	1885	9.20	234
150	3810	186.98	4749	298.92	7593	79.50	2019	9.86	250
200	5080	249.31	6333	398.56	10123	106.00	2692	13.14	334
250	6350	311.64	7916	498.20	12654	132.50	3365	16.43	417
300	7620	373.97	9499	597.84	15185	159.00	4039	19.72	501

### P127 IN1028SL 1080P 1.6x ZOOM

Diagonal Screen		Projection distance				Image Height		Vertical Offset	
		Wide		Tele					
(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
30	762	36.61	930	58.57	1488	14.71	374	2.35	60
40	1016	48.81	1240	78.09	1984	19.61	498	3.14	80
50	1270	61.01	1550	97.62	2479	24.51	623	3.92	100
60	1524	73.21	1860	117.14	2975	29.42	747	4.71	120
70	1778	85.41	2170	136.66	3471	34.32	872	5.49	139
80	2032	97.62	2479	156.19	3967	39.22	996	6.28	159
90	2286	109.82	2789	175.71	4463	44.12	1121	7.06	179
100	2540	122.02	3099	195.23	4959	49.03	1245	7.84	199
110	2794	134.22	3409	214.76	5455	53.93	1370	8.63	219
120	3048	146.42	3719	234.28	5951	58.83	1494	9.41	239
130	3302	158.63	4029	253.80	6447	63.73	1619	10.20	259
140	3556	170.83	4339	273.33	6942	68.64	1743	10.98	279
150	3810	183.03	4649	292.85	7438	73.54	1868	11.77	299
200	5080	244.04	6199	390.47	9918	98.05	2491	15.69	398
250	6350	305.05	7748	488.08	12397	122.57	3113	19.61	498
300	7620	366.06	9298	585.70	14877	147.08	3736	23.53	598

**P128 IN1026ST WXGA 1:1 ZOOM**

Diagonal Screen		Projection distance		Image Height		Vertical Offset	
(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
30	762	13.25	337	15.90	404	1.97	50
40	1016	17.67	449	21.20	538	2.63	67
50	1270	22.09	561	26.50	673	3.29	83
60	1524	26.51	673	31.80	808	3.94	100
70	1778	30.93	786	37.10	942	4.60	117
80	2032	35.34	898	42.40	1077	5.26	134
90	2286	39.76	1010	47.70	1212	5.91	150
100	2540	44.18	1122	53.00	1346	6.57	167
110	2794	48.60	1234	58.30	1481	7.23	184
120	3048	53.02	1347	63.60	1615	7.89	200
130	3302	57.43	1459	68.90	1750	8.54	217
140	3556	61.85	1571	74.20	1885	9.20	234
150	3810	66.27	1683	79.50	2019	9.86	250
200	5080	88.36	2244	106.00	2692	13.14	334
250	6350	110.45	2805	132.50	3365	16.43	417
300	7620	132.54	3367	159.00	4039	19.72	501

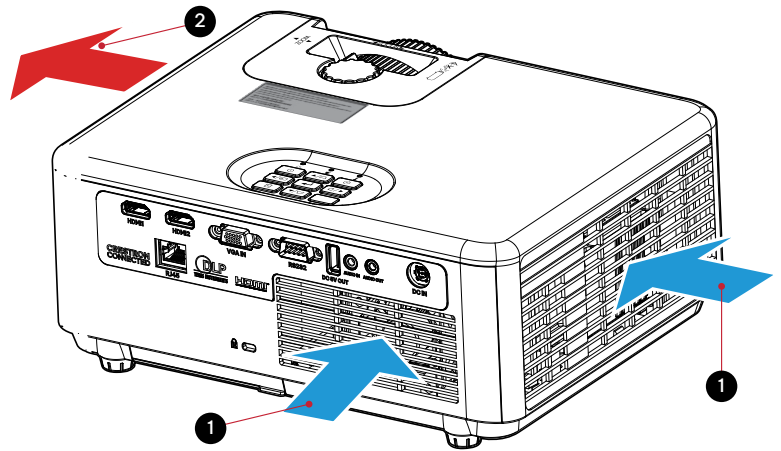
**P128 IN1028ST 1080p 1:1 ZOOM**

Diagonal Screen		Projection distance		Image Height		Vertical Offset	
(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
30	762	12.97	329	14.71	374	2.35	60
40	1016	17.29	439	19.61	498	3.14	80
50	1270	21.62	549	24.51	623	3.92	100
60	1524	25.94	659	29.42	747	4.71	120
70	1778	30.26	769	34.32	872	5.49	139
80	2032	34.58	878	39.22	996	6.28	159
90	2286	38.91	988	44.12	1121	7.06	179
100	2540	43.23	1098	49.03	1245	7.84	199
110	2794	47.55	1208	53.93	1370	8.63	219
120	3048	51.88	1318	58.83	1494	9.41	239
130	3302	56.20	1427	63.73	1619	10.20	259
140	3556	60.52	1537	68.64	1743	10.98	279
150	3810	64.85	1647	73.54	1868	11.77	299
200	5080	86.46	2196	98.05	2491	15.69	398
250	6350	108.08	2745	122.57	3113	19.61	498
300	7620	129.69	3294	147.08	3736	23.53	598

### 4.4 CLEARANCE

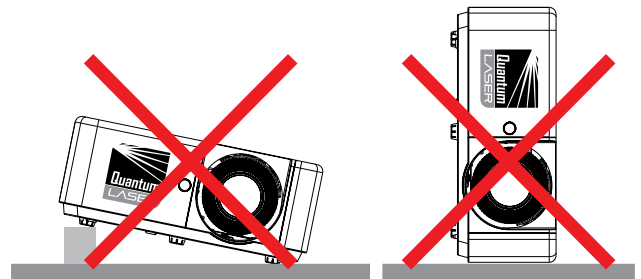
Allow at least 30cm clearance around the intake and exhaust vent and ensure that the intake vents do not recycle hot air from the exhaust vent.

REFERENCE	DESCRIPTION
1	Air intake vent
2	Air outtake vent

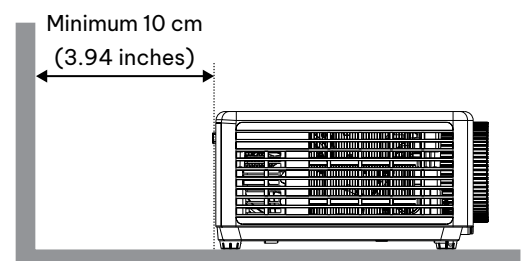
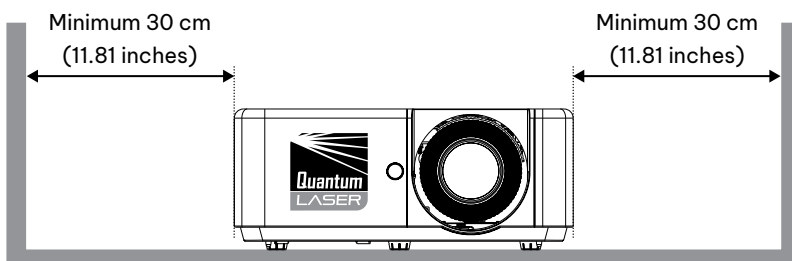
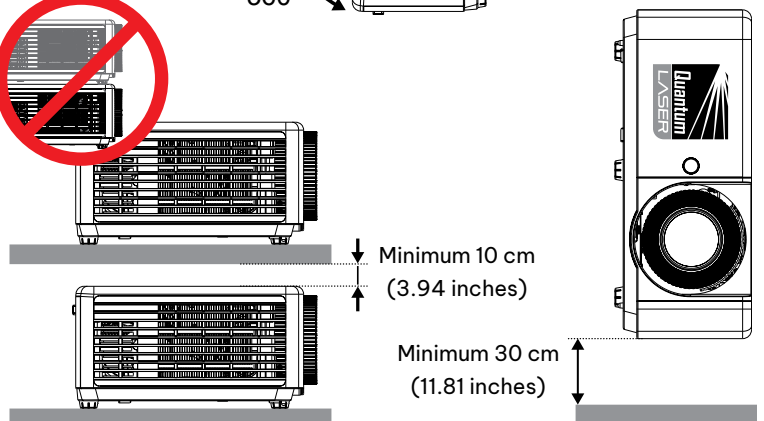
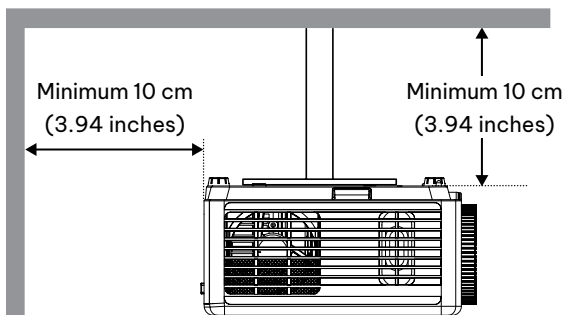
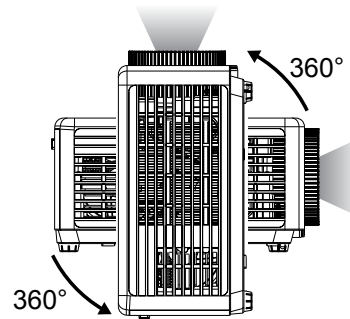


#### Projector installation notice

- Place the projector in a horizontal position. The tilt angle of the projector should not exceed 15 degrees, however, portrait installation is allowed. The projector should not be installed in any way other than the desktop and ceiling mount, otherwise laser life could decrease dramatically, and may lead to other unpredictable damage.



- 360° free orientation operation



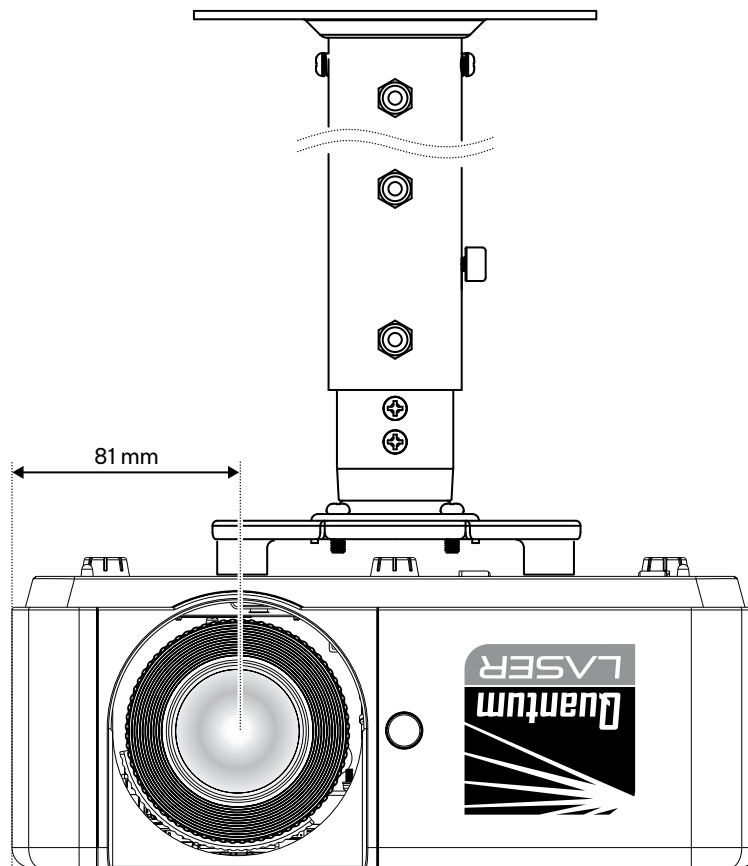


When operating the projector in an enclosed space:

- The surrounding air temperature within the enclosure should not exceed operation temperature while the projector is running
- The air intake and exhaust vents should be unobstructed
- The enclosure should pass a certified thermal evaluation to ensure that the projector does not recycle exhaust air

## 4.5 CEILING MOUNT

- Screw type: M4×10
- Minimum screw length: 10mm



### INFORMATION

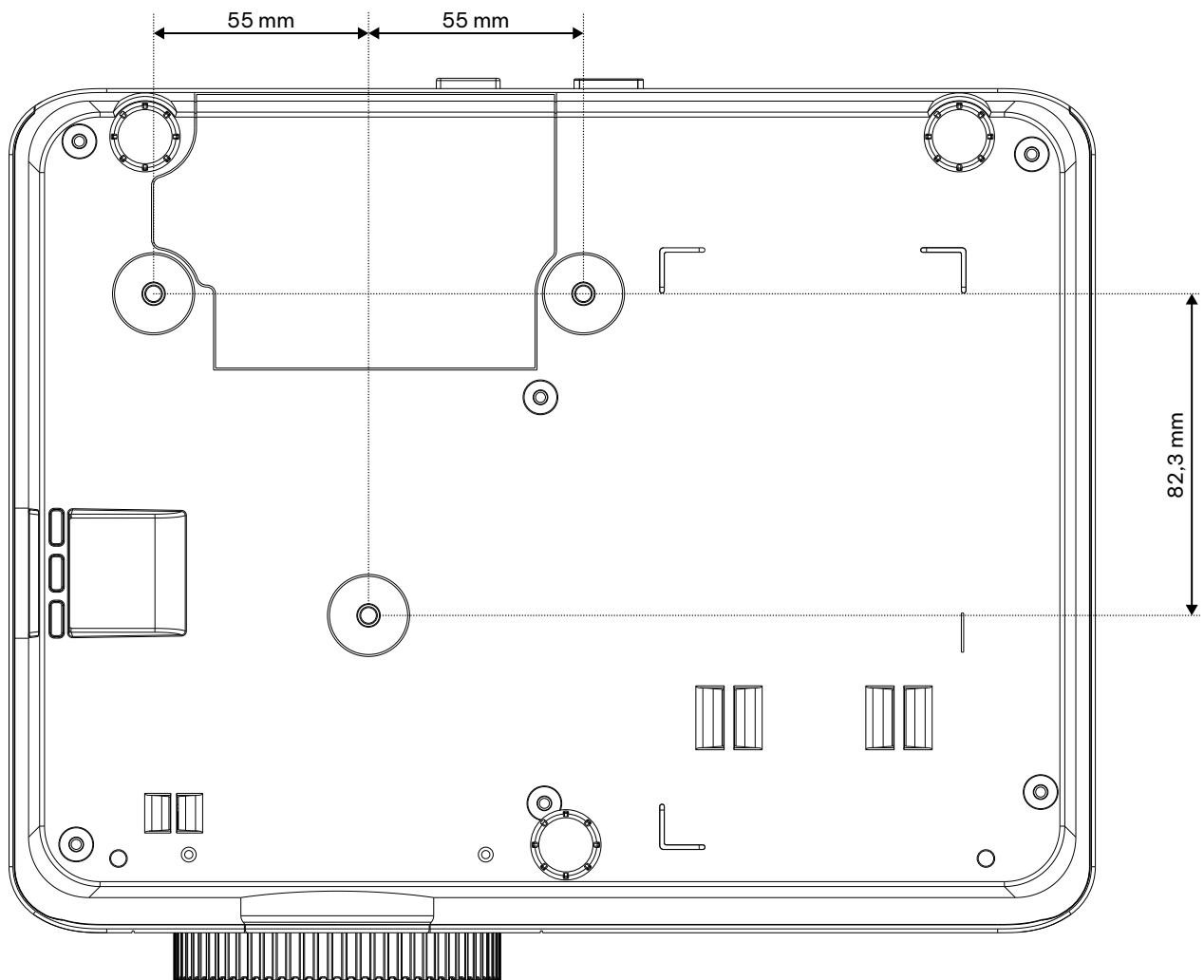
Please note that damage resulting from incorrect installation will void the warranty. If you buy a ceiling mount from another company, please be sure to use the correct screw size. Screw size will vary depending on the thickness of the mounting plate.

### 4.6 MOUNTING HOLE DIAGRAM

When using a ceiling mount, please be sure to use the correct screw size. Screw size will vary depending on the thickness of the mounting plate.

Be sure to keep at least 10 cm gap between the ceiling and the bottom of the projector.

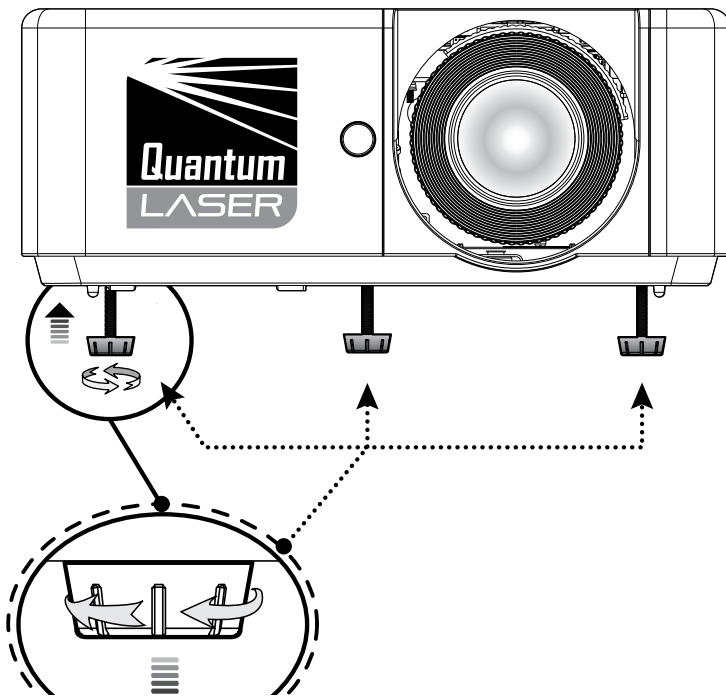
Avoid installing the projector near a heat source.



## 5. ADJUSTING

### 5.1 ADJUSTING THE IMAGE HEIGHT AND TILT

The projector's height and tilt can be adjusted with the tilt adjustment feet and ring. Locate the adjustable foot you wish to adjust on the underside of the projector. Rotate the foot clockwise or counterclockwise to raise or lower the projector.



### 5.2 ADJUSTING THE ZOOM, LENS SHIFT AND FOCUS

To adjust the image size, turn the zoom ring clockwise or counterclockwise to increase or decrease the projected image size.

To adjust the image position, turn the lens shift dial clockwise or counterclockwise to adjust the position of the projected image vertically. (Not available on all models.)

To adjust the focus, turn the focus ring clockwise or counterclockwise until the image is sharp and legible.

### 5.3 ADJUSTING THE VERTICAL AND HORIZONTAL KEYSTONE

If one side of the image is shorter than the other, for example the top is shorter than the bottom, you can either reposition the projector or use keystone correction.

To adjust the top or bottom of the picture (the pitch), angle the projector lower or higher. If that is not possible, adjust the vertical keystone:

1. Press the **Menu** button on the projector keypad or the **Menu** button on the remote control to open the OSD menu.
2. Select **Image > V Keystone**
3. Adjust the settings by using the arrow keys.
4. Press the **Return** symbol or **Enter** button to select a setting.
5. Press the **Menu** symbol or **Menu** button to close the OSD menu. The menu will close and the projector will automatically save the new settings.

To adjust the left or right side of the picture (the yaw), turn the projector slightly left or right. If that is not possible, adjust the horizontal keystone:

1. Press the **Menu** button on the projector keypad or the **Menu** button on the remote control to open the OSD menu.
2. Select **Image > H Keystone**  
**Note** horizontal keystone correction is not available on all models
3. Adjust the settings by using the Arrow keys.
4. Press the **Return** symbol or **Enter** button to select a setting.
5. Press the **Menu** button to close the OSD menu. The menu will close and the projector will automatically save the new settings.

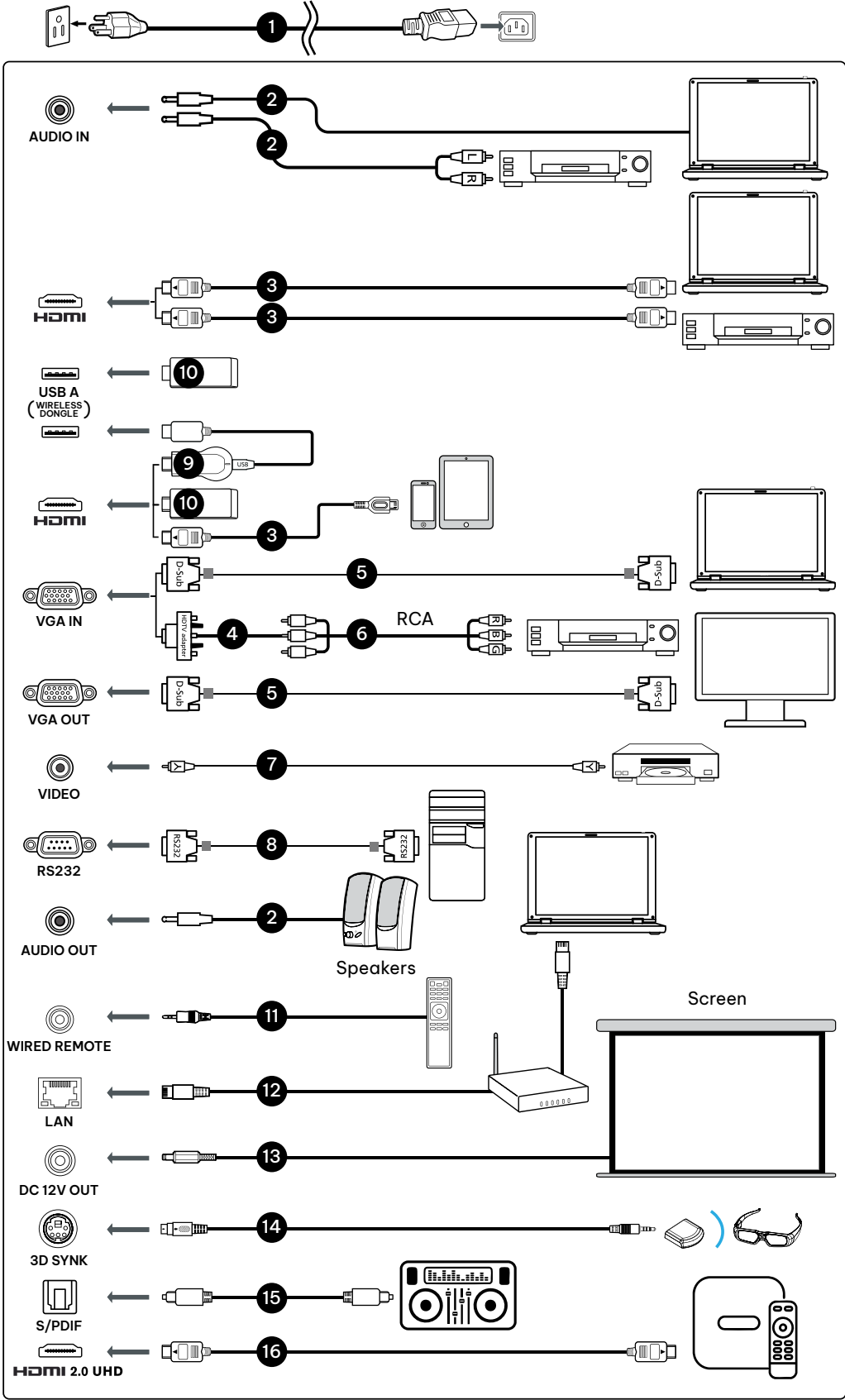


### INFORMATION

Ensure that the projection screen or projection surface is within the required distance from the projector. Refer to “4.3 Placement distance from screen” for more information.

**6. CONNECTING**

**6.1 CONNECTION DIAGRAM**



REFERENCE	DESCRIPTION
1	Power cord
2	Audio cable
3	HDMI (MHL) cable
4	VGA to component/HDTV adapter
5	VGA cable
6	3 RCA component cable
7	Composite video cable
8	RS232 cable

REFERENCE	DESCRIPTION
9	WirelessHD dongle
10	Wireless dongle
11	Wired remote control
12	LAN cable
13	12V DC cable
14	3D SYNC cable
15	S/PDIF
16	HDMI 2.0 UHD



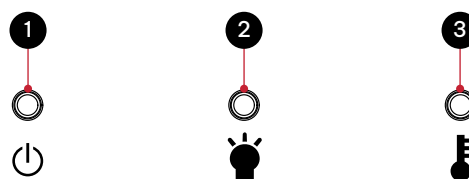
### INFORMATION

Not all inputs are available on all models.

## 7. USING

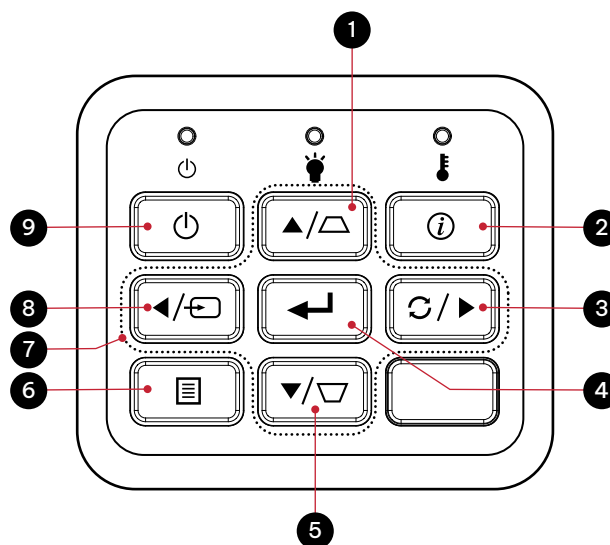
### 7.1 LEDS

REFERENCE	DESCRIPTION
1	Power
2	Lamp
3	Temperature



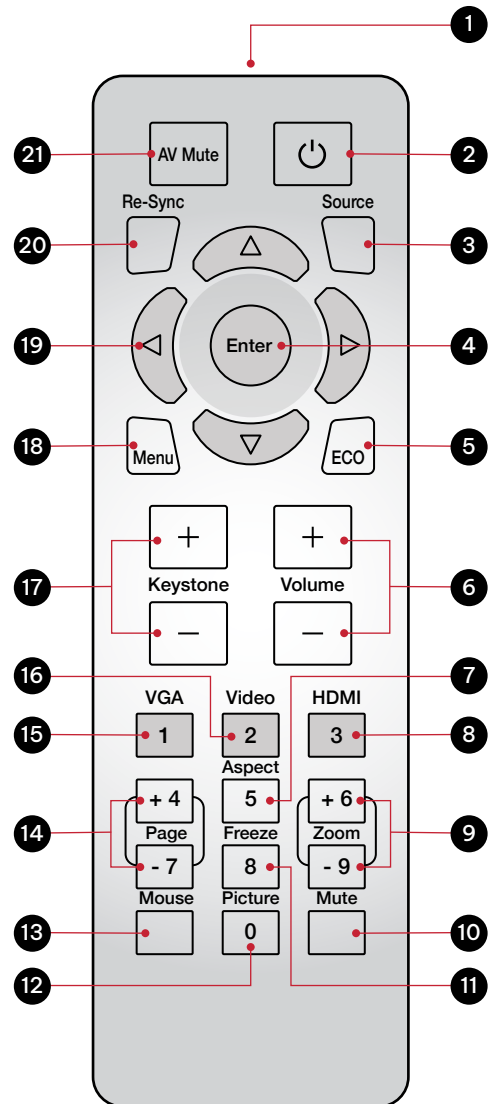
### 7.2 KEYPAD

REFERENCE	DESCRIPTION
1	Up / Keystone correction +
2	Information
3	Right / Re-sync
4	Enter
5	Down / Keystone correction -
6	Menu
7	Directional arrows
8	Left / Source
9	Power



### 7.3 REMOTE CONTROL

REFERENCE	DESCRIPTION
1	IR LED
2	Power
3	Source
4	Enter
5	ECO
6	Volume
7	Aspect
8	HDMI – Press once for HDMI 1 and twice for HDMI 2
9	Zoom
10	Mute
11	Freeze
12	Picture
13	Mouse
14	Page
15	VGA
16	Video
17	Keystone correction
18	Menu
19	Directional keys
20	Re-sync
21	AV Mute



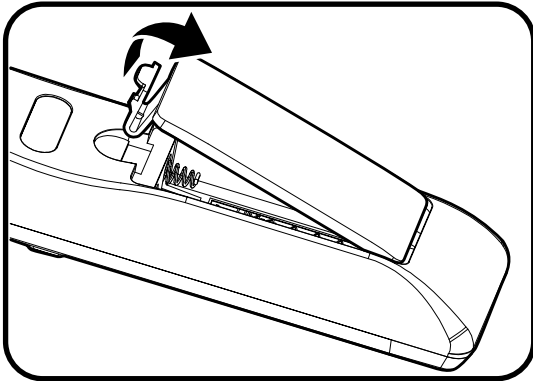
**INFORMATION**

Some keys may have no function for models that do not support the key's feature.

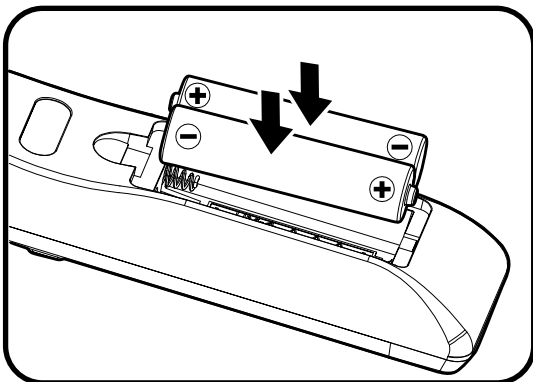
## 7.3.1 INSTALLING BATTERIES IN THE REMOTE CONTROL

The remote requires two AAA batteries (not included).

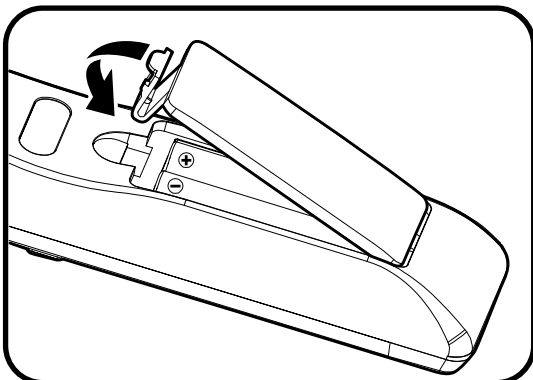
1. Remove the battery cover on the back of the remote control.



2. Insert AAA batteries in the battery compartment. Ensure each battery's polarity  $\pm$  is aligned correctly.



3. Replace back cover on the remote control and press down until it clicks in to place.



### ATTENTION

The remote control may fail to operate if the infrared remote sensor is exposed to bright sunlight or fluorescent lighting.

Incorrect battery usage may cause leakage of battery fluid and battery rupture, which could result in fire, injury or corrosion of the remote. When replacing batteries, take the following precautions.

Do not use batteries of different types or mix old and new batteries.

Remove the batteries if you will not be using the projector for a long period of time.

Do not expose batteries to heat or flame and do not put them in water.

Dispose of used batteries according to local regulations.

Keep batteries out of the reach of children. Batteries are choking hazards and are very dangerous if swallowed.



### 7.3.2 REMOTE CONTROL IR CODES


NUMBER	FUNCTION	REPEATFORMAT	BYTE1	BYTE2	BYTE3	BYTE4	COMMENTS
1	AV mute	F1	87	4E	51	AE	
2	Power On/Off	F1	87	4E	17	E8	
3	Re-Sync	F1	87	4E	33	CC	
4	Up	F2	87	4E	13	EC	Do Volume+ when no OSD
5	Source	F1	87	4E	10	EF	
6	Left	F2	87	4E	11	EE	Do Source when no OSD
7	Enter	F1	87	4E	32	CD	
8	Right	F2	87	4E	12	ED	Do Re-Sync when no OSD
9	Menu	F1	87	4E	02	FD	
10	Down	F2	87	4E	14	EB	Do Volume- when no OSD
11	Eco	F1	87	4E	77	88	Open Brightness Mode menu
12	Keystone+	F2	87	4E	20	DF	
13	Volume+	F2	87	4E	08	F7	
14	Keystone-	F2	87	4E	21	DE	
15	Volume-	F2	87	4E	04	FB	
16	VGA (1)	F1	87	4E	19	E6	
17	Video (2)	F1	87	4E	1A	E5	
18	HDMI (3)	F1	87	4E	71	8E	Toggle HDMI 1 and HDMI 2
19	Page+ (4)	F1	87	4E	7D	82	Page+ not supported
20	Aspect (5)	F1	87	4E	34	CB	
21	Zoom+	F1	87	4E	52	AD	
22	page- (7)	F1	87	4E	7E	81	Page- not supported
23	Freeze	F1	87	4E	0E	F1	
24	Zoom-	F1	87	4E	53	AC	
25	Mouse	F1	87	4E	3E	C1	Mouse not supported
26	Picture	F1	87	4E	2C	D3	Open Display Mode menu
27	Mute	F1	87	4E	29	D6	

### 7.4 REMOTE CONTROL EFFECTIVE RANGE

You can locate the infrared (IR) remote control sensors on the top of the projector next to the keypad and on the front to the left of the lens. Hold the remote control at an angle within 60 degrees perpendicular of the projector's IR remote control sensor. Ensure that there are no obstacles between the remote control and the IR sensor on the projector.

The distance between the remote control and the IR sensor should be less than 12 meters (39.4 feet). If the remote control is less than 20cm (8 inches) from the IR sensor, the remote control might become ineffective. The effective range is approximately 5 meters (16.4 feet) when reflecting the IR beam using a screen. The range will depend on the screen's surface and reflectivity. Direct sunlight or florescent lamps can reduce the range of the remote control.

## 7.5 TURNING THE PROJECTOR ON

1. Securely connect the mains cable to the projector and to a mains outlet. When connected, the Power LED will turn red.
2. Connect a signal/source cable to a source device and the projector.
3. Remove the lens cap.
4. Press the **Power** button on the keypad or the  symbol on the remote control.

The InFocus startup screen will appear after approximately 10 seconds. The Power LED will flash blue and then steady blue.



### ATTENTION

**Make sure that people cannot step on any electrical cables or trip over the cables. Do not put objects on the cables.**

## 7.6 SELECTING A INPUT SOURCE

1. Turn on the connected source, such as a computer or DVD player, or connect a digital media player, such as a Google Chromecast.
2. Press the **Source** button on the keypad or remote control to select the input source.
3. Play the content on the source device.



### INFORMATION

**You can set up the projector to automatically detect an active source and turn itself on and project the source content automatically. To turn on this feature, press the Menu button on the remote control or keypad, navigate to Settings > Power Settings > Signal Power, and select On.**



### INFORMATION

**Your projector has a Direct Power On setting. This setting will automatically turn on the projector when a power source is connected. To turn on this feature, press the Menu button on the remote control or keypad, navigate to Settings > Power Settings > Direct Power On, and select on.**

## 7.7 TURNING THE PROJECTOR TO STANDBY MODE

1. Press the **Power** button on the keypad or remote control.  
The following message will appear: Power Off?
2. Press the **Power** button again to confirm turning off your projector.  
If the **Power** button is not pressed a second time, the message will disappear after 10 seconds and the projector will not turn off.  
The cooling fans will operate for about 10 seconds and the Power LED will flash blue. When the Power LED changes to solid red, the projector has entered standby mode.
3. Replace the lens cap.



### INFORMATION

**If you want to turn the projector on again, wait 100 seconds.**

Always allow the projector fan to turn off after you power down and before you unplug the projector power cable from the electrical outlet.

## 7.8 VIEWING 3D CONTENT

Please follow all warnings and precautions as recommended before you or your child use the 3D function of this projector and view 3D projected content.



### ATTENTION

**Children and teenagers may be more susceptible to health issues associated with viewing in 3D and should be closely supervised when viewing 3D content.**

### 7.8.1 PHOTSENSITIVE SEIZURE WARNING AND OTHER HEALTH RISKS

Please refer to the product safety guide for further information.

### 7.8.2 ENABELING 3D MODE

To enable 3D mode, the input frame rate should be set to 60Hz. Other frame rate are not supported. For the best 3D performance, use a resolution of 1920×1080. 4K (3840×2160) resolution is not supported in 3D mode.

1. Select **Display > Display Mode > 3D > 3D Mode**.
2. Select **On**.  
If the 3D Mode is set to Off, the 2D-3D and 3D sync Invert functions will not be selectable. These functions can only be selected if the 3D mode is set to On.
3. Press **Enter**.
4. If you only want to view the left or right frame: Select **Display > Display Mode > 3D > 3D-2D**. Select **L** (left) or **R** (right). Press **Enter**.
5. If you want to turn off the 3D sync invert function:
  - Select **Display > Display Mode > 3D > 3D Sync Invert**.
  - Select **Off**.
  - Press **Enter**.

### 7.8.3 ENABLING AUTO 3D MODE

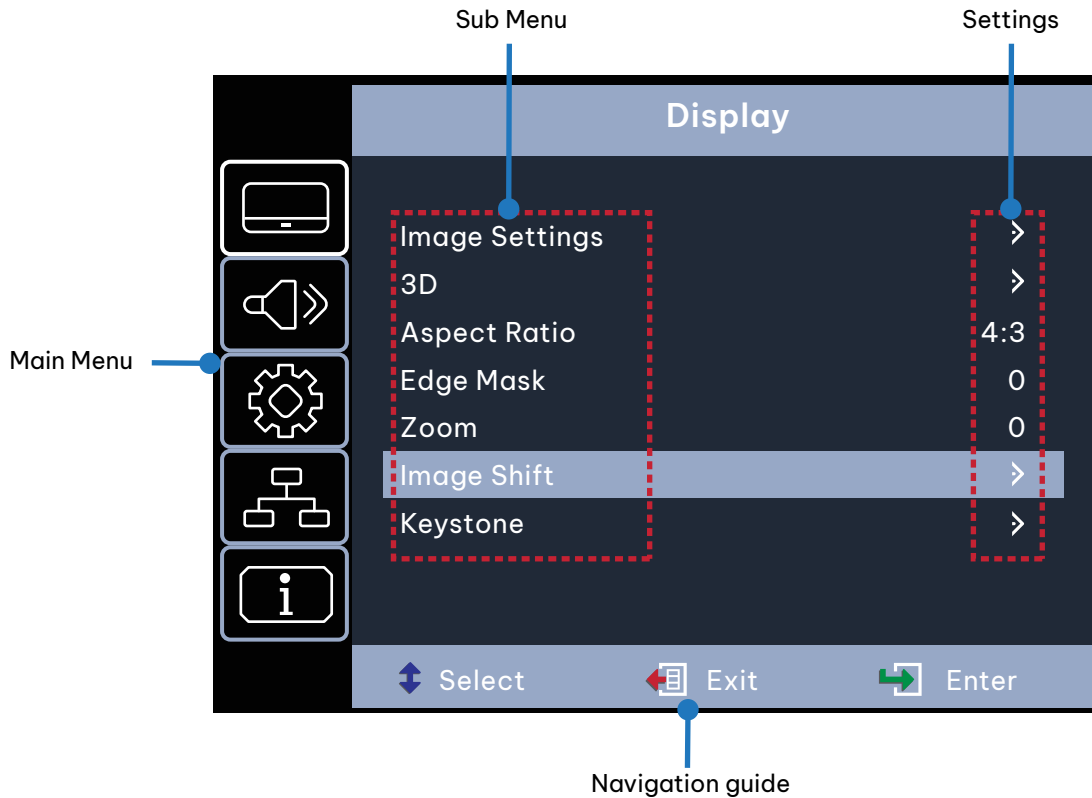
1. Select **Display > Display Mode > 3D > 3D Format**.
2. Select **Auto**.
3. Press **Enter**.

Other options:

- SBS: Display 3D signal in “Side-by-Side” format.
- Top and Bottom: Display 3D signal in “Top and Bottom” format.
- Frame Sequential: Display 3D signal in “Frame Sequential” format.

## 8. USING THE ON SCREEN DISPLAY (OSD)

The multilingual On Screen Display (OSD) menus can be used to setup and adjust the projector.



### 8.1 SELECTING THE LANGUAGE FOR THE ON SCREEN MENU

4. Select **Setup > Options > Language**
5. Select a language.
6. Press **Enter**.

### 8.2 SELECTING A DISPLAY MODE

1. Select **Display > Image Settings > Display Mode**.
2. Select a display mode:
  - **Presentation:** Suitable for giving presentations using a PC.
  - **Bright:** The brightest possible setting when using a PC.
  - **HDR SIM.:** Decodes and displays High Dynamic Range (HDR) content for the deepest blacks, brightest whites, and vivid cinematic colour using the REC.2020 colour gamut. This mode will be automatically enabled if HDR content is sent to the projector (4K UHD Blu-ray, 1080p/4K UHD HDR/HLG games, or 4K UHD streaming video). While HDR mode is active, other displays cannot be selected as HDR delivers colour that is highly accurate and exceeds the colour performance of the other display modes. HDR mode can also be manually selected for use with non HLG content for simulation effect.
  - **HLG SIM.:** Decodes and displays Hybrid Log Gamma (HLG) content for the deepest blacks, brightest whites, and vivid cinematic colour using the REC.2020 colour gamut. This mode will be automatically enabled if HLG content is sent to the projector (4K UHD Blu-ray, 1080p/4K UHD HDR/HLG games, or 4K UHD streaming video). HLG mode can also be manually selected for use with non HLG content for simulation effect.
  - **Cinema:** Provides the best colour reproduction for watching movies.

- **Game:** Increases the brightness and decreases the response time for playing video games with minimal lag.
- **sRGB:** Standardized accurate colour reproduction.
- **DICOM SIM.:** Simulation mode for viewing monochrome images such as X-rays.
- **User:** Saved user settings.
- **3D:** To experience 3D, you will need 3D glasses and a video source that is capable of sending 3D content.

3. Press **Enter**.



#### **INFORMATION**

The display settings are only visible when an active source is connected to the projector.

### **8.3 ADJUSTING THE IMAGE COLOUR AND TEMPERATURE**

1. Select **Display > Image Settings > Color Settings > Color Temperature**.
2. Select a value.
3. Press **Enter**.



#### **INFORMATION**

The display settings are only visible when an active source is connected to the projector.

### **8.4 ADJUSTING THE SHARPNESS OF THE IMAGE**

1. Select **Display > Image Settings > Color**.
2. Press **Enter**.

### **8.5 MAGNIFYING THE IMAGE**

1. Select **Display > Zoom**.
2. Press **Enter**.

### **8.6 SELECTING AN ASPECT RATIO**

1. Select **Display > Aspect Ratio**.
2. Select the desired aspect ratio.
3. Press **Enter**.

### **8.7 ADJUSTING THE BRIGHTNESS**

1. Select **Display > Image Settings > Brightness Mode**.
2. Select a brightness mode.
3. Press **Enter**.

### **8.8 ENABELING ECO MODE**

1. Select **Display > Image Settings > Brightness Mode**.
2. Select **Eco**.
3. Press **Enter**.

### 8.9 ENABLING CLOSED CAPTIONS

1. Select **Setup > Options > Closed Caption**.
2. Select **CC1** or **CC2**.
3. Press **Enter**.

### 8.10 DISPLAYING A TEST PATTERN

1. Select **Setup > Test Pattern**.
2. Select a test pattern.
3. Press **Enter**.

### 8.11 PREVENTING UNAUTHORIZED USE

1. Select **Setup > Security > Security**.
2. Select **On**. The default password is 1234.
3. Press **Enter**.

### 8.12 CHANGING THE PASSWORD

1. Select **Setup > Security > Change Password**.
2. Type the new password.
3. Press **Enter**.



#### INFORMATION

**Do not lose the password. The password can only be reset at an authorized InFocus repair facility.**

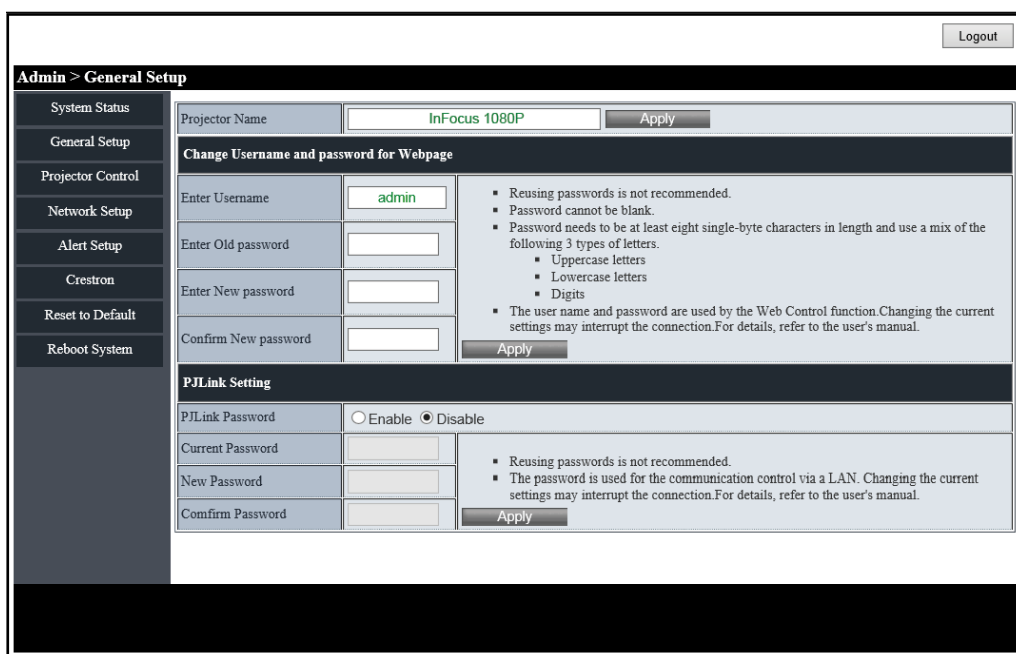
### 8.13 CONTROLLING THE PROJECTOR FROM A WEB BROWSER

1. Connect the projector to an active network port using the RJ45 port on the back of the projector.
2. Select **Network > LAN > DHCP**.
3. Select **On**.
4. Press **Enter**.
5. Select **Network > LAN > IP Address** to view the projector's IP address.
6. Open a web browser.
7. Type the projector's IP address type the user name and password. The default user name and password is **admin**.
8. Click **Login**. The projector's configuration page appears.



#### INFORMATION

**This section is only applicable to p127 and p128 Nemesis II products.**



**Admin > System Status**

<b>Model Name</b>	InFocus 1080P
<b>Projector Name</b>	InFocus 1080P
<b>FW Version</b>	
System	A02
LAN	C07
<b>LAN Status</b>	
IP Address	192.168.0.100
Subnet Mask	255.255.255.0
Default: Gateway	192.168.0.254
MAC Address	00:60:E9:34:85:30

**Admin > Projector Control**

Power On | Power Off | Resync | Next Source | Auto Source | AV Mute | Freeze | 3D Format: Auto | 3D L/R Invert

Input: HDMI1

Image: Brightness: 0 | Contrast: 0 | Sharpness: 10 | Display Mode: Cinema

Audio: Volume: 5

Management: Auto Shutdown (Min.): 15 | Brightness Mode: Power | Aspect Ratio: Auto



Web Control Aspect Ratio Support list below

Aspect Ratio	XGA	WXGA	1080P
4:3	✓	✓	✓
16:9	✓	✓ (Follow OSD->Screen Type)	✓
16:10		✓ (Follow OSD->Screen Type)	
LBX		✓	✓
Native	✓	✓	✓
AUTO	✓	✓	✓



**Notice** If web page select the unupport aspect ratio, projector will do nothing and the web will show the aspect ratio same with OSO.

The aspect ratio of WXGA model will change dueto the screen type setting.

Logout

**Admin > Network Setup**

IP Setup	DHCP <input type="radio"/> On <input checked="" type="radio"/> Off	
	IP Address	192 . 168 . 0 . 100
	Subnet Mask	255 . 255 . 255 . 0
	Default Gateway	192 . 168 . 0 . 254
	DNS Server	192 . 168 . 0 . 51
	Apply	

Logout

**Admin > Alert Setup**

Alert Setup	Alert Type	<input type="checkbox"/> Fan Error
		<input type="checkbox"/> High Temp Warning <input type="checkbox"/> Light Source Error
	<input checked="" type="checkbox"/> Alert Mail Notification	
	<b>SMTP Setting</b>	
	SMTP Server	<input type="text"/>
	From	<input type="text"/>
	Username	<input type="text"/>
	Password	<input type="text"/>
	<b>Email Setting</b>	
	Mail Subject	<input type="text"/>
Mail Content	<input type="text"/>	
To	<input type="text"/>	
<input type="button" value="Apply"/> <input type="button" value="Send Test Mail"/>		

Logout

**Admin > Crestron**

- System Status
- General Setup
- Projector Control
- Network Setup
- Alert Setup
- Crestron
- Reset to Default
- Reboot System

**Crestron Settings**

Connect to	Control Box	
Control Box IPID	7	
Control Box IP	255.255.255.255	Off-line
Control Box Port	41794	
VC4 RoomID		
RoomView IPID	5	
Device Username		
Device Password		
Use SSL	Disable	
Use Certificate	Disable	
Upload Certificate File	<input type="button" value="Upload File"/>	
FITC Registration URL		
FITC Registration Port	443	Off-line
Auto Discovery	Enable	<input type="button" value="Apply"/>

Logout

**Admin > Crestron**

- System Status
- General Setup
- Projector Control
- Network Setup
- Alert Setup
- Crestron
- Reset to Default
- Reboot System

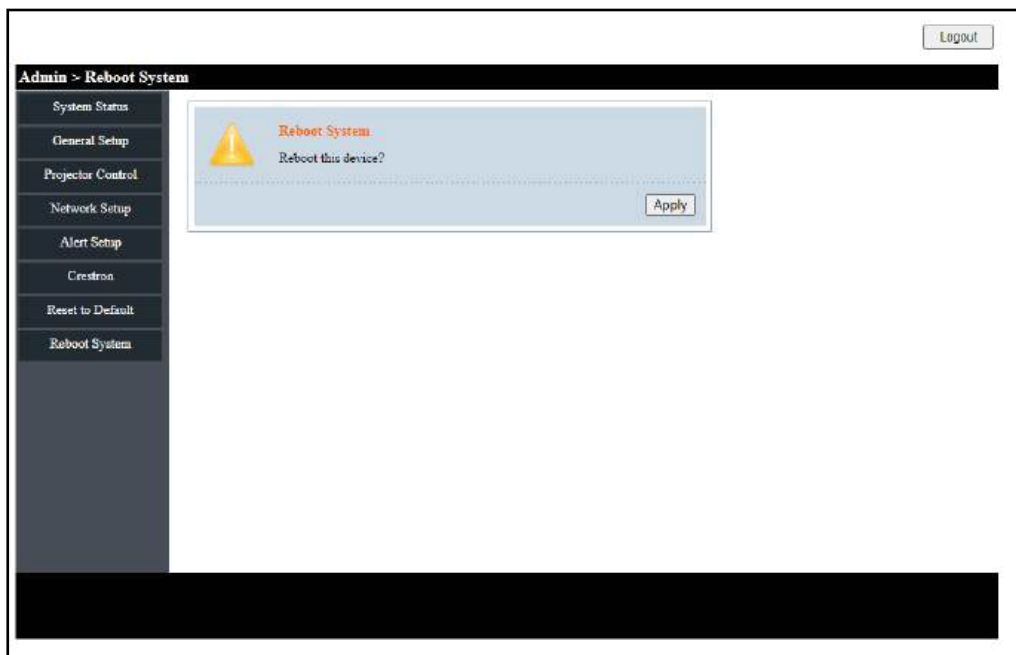
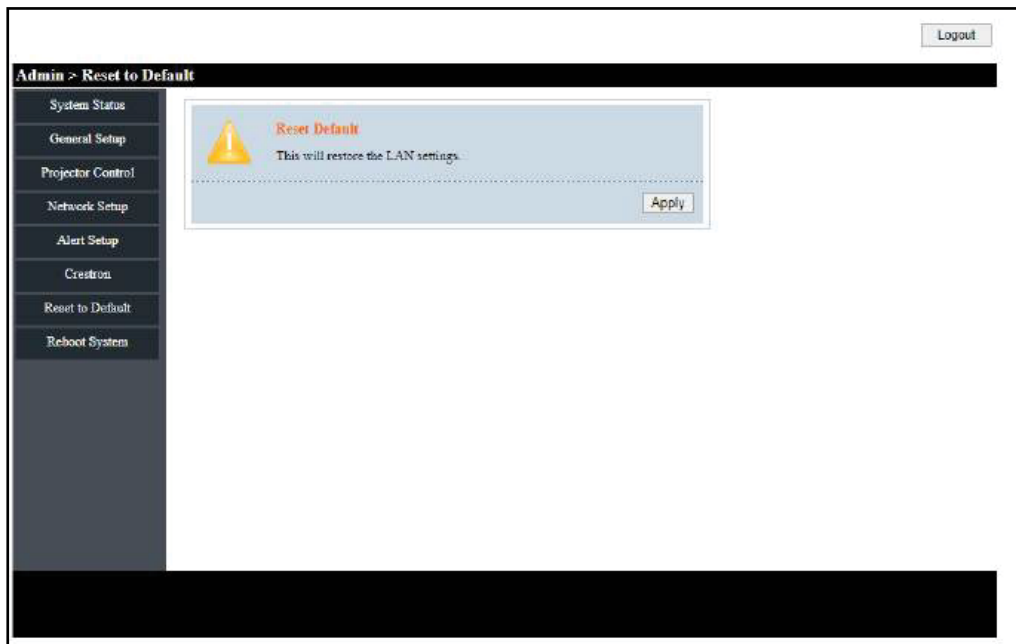
Device Username		
Device Password		
Use SSL	Disable	
Use Certificate	Disable	
Upload Certificate File	<input type="button" value="Upload File"/>	
FITC Registration URL		
FITC Registration Port	443	Off-line
Auto Discovery	Enable	<input type="button" value="Apply"/>

**XrO Information**

MAC Address	00.60.e9.00.00.01	Off-line
Serial Number		

**System Time Settings**

Current Time	2021-11-01 00:03:52	
NTP Function	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	
NTP Server	time.nist.gov	
Time Zone	+8	<input type="button" value="Apply"/>



**INFORMATION**

Only applicable to Nemesis II Series.

## 8.14 DIRECTLY CONNECTING A COMPUTER TO THE PROJECTOR

1. Select **Network > LAN > DHCP**.
2. Select **Off**.
3. Press **Enter**.
4. Select **Network > LAN**.
5. Configure the IP address, Subnet Mask, Gateway, and DNS settings.
6. Set the computer to use the same IP address, subnet mask, gateway, and DNS settings.
7. Open a web browser.
8. Type the projector's IP address type the user name and password. The default user name and password is **admin**.



### INFORMATION

Only applicable to Nemesis II Series.

## 9. CLEANING

Do not use canned air or any type of abrasive pad, paper towel, scouring powder, glass cleaner, or solvent (such as alcohol, paint thinner or benzene).

Unplug the projector before cleaning.

### 9.1 CLEANING THE LENS

Clean the projector's lens with a lightly damp cloth. Do not spray liquid directly onto the lens.

### 9.2 CLEANING THE CASE

Clean the projector's case using a lightly damp cloth.

### 9.3 CLEANING THE AIR VENTS

Clean the air intake vents with a soft and dry cloth, a soft brush, or a small vacuum cleaner designed for cleaning electrical devices.

## 10. SANITATION

- Using only lightly dampened microfibre cloth to avoid malfunction and possible permanent damage to electronic parts, lightly clean the surface of the product, avoiding any connection points, ventilation holes or the lens.
- After the application, dry the product with a clean and dry microfibre cloth.

Please follow all safety and handling instructions listed with the cleaning solution and keep out of reach of children. For schools conducting an overall deep clean of their facilities, here are steps to appropriately protect your InFocus product in advance of chemicals being sprayed or fogging devices being employed:

- Disconnect the product from its power source.
- Cover the product to prevent damage to internal electronic components.
- Remember to remove any covering before use.

Please ensure that those with access to your InFocus products are aware of the cleaning procedure.

**ATTENTION**

Ensure your InFocus product is fully covered on all sides before facilities deep cleaning. Chemicals must not be allowed to enter or be sprayed on to the surface of the product, this will avoid any damage to the internal electronic components and outer casing parts.

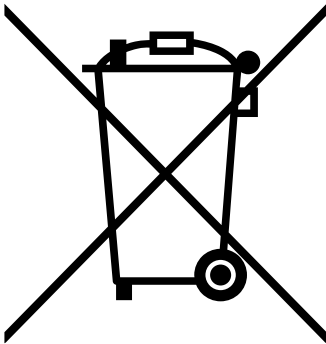
**INFORMATION**

Good personal hygiene practices of washing and drying hands should be employed before and after use of InFocus products.

Should you have any questions relating to these procedures please contact InFocus Technical Support. Contact details can be found [Here](#).

## 11. DISPOSAL

### 11.1 DISPOSAL OF ELECTRICAL COMPONENTS



The symbol on the product, the accessories or packaging indicates that this device shall not be treated as unsorted municipal waste, but shall be collected separately. Dispose of the device via a collection point for the recycling of waste electrical and electronic equipment if you live within the EU and in other European countries that operate separate collection systems for waste electrical and electronic equipment. By disposing of the device in the proper manner, you help to avoid possible hazards for the environment and public health that may otherwise be caused by improper treatment of waste equipment. The recycling of materials contributes to the conservation of natural resources.

### 11.2 DISPOSAL OF PACKAGING WASTE

The packaging is made of environmentally friendly materials, which may be disposed of through your local recycling facilities. By disposing of the packaging and packaging waste in the proper manner, you help to avoid possible hazards for the environment and public health.

## 12. TROUBLESHOOTING

### 12.1 LED INDICATOR LIGHTS

The following table describes the LED indicator light colours and their meaning.

LED	INDICATOR	MEANING
Power	Blue solid	Normal operation
Power	Blue flashing	The projector is warming up, shutting down, or cooling down. The remote control may be disabled while the indicator is flashing blue.
Power	Red solid	Standby mode
Power	Off	Off or Sleep mode
Lamp	Red flashing	lamp failure
Temperature	Red flashing	Fan failure
Temperature	Red solid	Over temperature

The projector will automatically shutdown if there is a laser failure, a fan failure or if the projector has overheated. Unplug the power cable from the projector, wait 30 seconds, and try again. If the warning indicators light up or flash, contact your nearest service center for assistance.

### 12.2 SOLVING ON / OFF ISSUES

The following table provides solutions for potential issues that may occur when the projector is turned on or off.

ISSUE	CAUSE	SOLUTION
Projector will not turn on.	No power	Check that the power cable is connected. Check that the power indicator is on.
Projector will not turn on.	The projector has overheated	Make sure there is at least 30cm of clearance around the intake and exhaust vents. Wait five minutes and try turning the projector on again. If the projector is being used above 5500 ft/1600 m, use the On Screen Display (OSD) menu to set High Altitude to on.
Projector turns off by itself.	The Auto Power Off timer is set	Use the On Screen Display (OSD) menu to adjust the auto power of setting.

### 12.3 SOLVING IMAGE ISSUES

The following table provides solutions for potential image issues.

ISSUE	CAUSE	SOLUTION
No image	Incorrect source is selected.	Press the SOURCE button or one of the source buttons again.
No image	Source cable is not connected.	Ensure the source cable is securely connected to the projector and source device
No image	Source is not playing	Make sure the source has not stopped or paused the video. If the source is a computer, make sure the PC is not in a screen saving or power saving mode and resend the video to the projector.
No image	AV-Mute is on	Ensure the AV-MUTE (video off) buttons has not been pressed.
No image	Brightness and/or contrast setting is too low	Use the On Screen Display (OSD) menu to adjust the brightness and contrast
Image is reversed	Orientation is set incorrectly.	Use the On Screen Display (OSD) menu to adjust the orientation.

ISSUE	CAUSE	SOLUTION
<b>Image has slanted sides</b>	Projector is not positioned perpendicularly to the screen.	Ensure the projector is centered on the screen and below the bottom of the screen
<b>Image has slanted sides</b>	Keystone is not set correctly.	Press the keystone + or - buttons to adjust the image alignment.
<b>Image is too small or too large.</b>	Projector is too far from or too close to the screen.	Move the projector
<b>Image is too small or too large.</b>	The zoom is not set correctly.	Press the Zoom + or - buttons to adjust the zoom.
<b>Image is too dark</b>	ECO mode is enabled	Check if the projector is in the Forced ECO mode because the ambient temperature is too high.
<b>Image is blurry</b>	Focus is not set correctly.	Use the focus ring to adjust the focus.
<b>Image is blurry</b>	Projector is too close or too far from the screen.	Ensure that the distance between the projector and screen is within the adjustment range of the lens.
<b>Image is blurry</b>	Smudge or condensation on the lens.	Clean the lens. Condensation may form on the lens if the projector is cold, brought into a warm place, and turned on.
<b>Image is scrolling or flickering.</b>	Source resolution and/or frequency is not supported.	Make sure that the source's resolution and frequency are supported by the projector.

## 12.4 SOLVING VIDEO, AUDIO AND REMOTE CONTROL ISSUES

The following table provides solutions for potential video, audio, and remote control issues.

ISSUE	CAUSE	SOLUTION
<b>Video is frozen</b>	The Freeze button has been pressed.	Press the Freeze button on the remote to unfreeze the video.
<b>Video is stretched</b>	16:9 (wide) source is setup incorrectly.	Ensure the source is set to use the 16:9 (wide) display format.
<b>Video is stretched</b>	Letterbox (LBX) source is setup incorrectly.	Use the On Screen Display (OSD) menu to set the aspect ratio to LBX.
<b>Video is stretched</b>	4:3 source is setup incorrectly.	Use the On Screen Display (OSD) menu to set the aspect ratio to 4:3.
<b>No audio</b>	Projector is muted.	Press the Mute button to unmute the projector.
<b>No audio</b>	Volume setting is too low.	Press the volume + button to increase the volume.
<b>No audio</b>	Source cable is not connected.	Ensure the source cable is securely connected to the projector and source device.
<b>No audio</b>	Source is muted.	Ensure the source has not been muted.
<b>Remote does not work.</b>	Batteries expired.	Install new batteries.
<b>Remote does not work.</b>	Batteries installed incorrectly.	Remove and reinstall the batteries.
<b>Remote does not work.</b>	Remote is too far from projector.	The remote should be within 16.4 feet (5m) of the projector.
<b>Remote does not work.</b>	IR receiver cannot detect remote.	Ensure there are no obstructions between the remote and the projector's IR receiver. Ensure the operating angle of the remote control is within $\pm 20^\circ$ to the projector's IR receiver. Ensure there are no fluorescent light sources shining on the projector's IR receiver.

If you are still experiencing technical issues with your projector, please contact InFocus Customer Support [Here](#).

## 12.5 SERVICING

Servicing is required when the projector has been damaged, exposed to rain or moisture, does not operate normally, or has been dropped. All servicing and repairs should be performed by an authorized InFocus representative.

## 13. ADDITIONAL INFORMATION

### 13.1 RS232 INFORMATION

Please see our online RS232 guide for PIN Assignments and protocol functions at:

### 13.2 SUPPORTED RESOLUTIONS AND REFRESH RATES

#### INPUT SIGNAL FOR HDMI

SIGNAL	RESOLUTION	REFRESH RATE(Hz)	NOTES FOR MAC
VGA	640 x 480	60	Mac 60/72/85/
SVGA	800 x 600	60(*2)/72/85/120(*2)	Mac 60/72/85
XGA	1024 x 768	48/50(*4)/60(*2)/70/75/85/120(*2)	Mac 60/70/75/85
SDTV(480I)	720 x 480	60	
SDTV(480P)	720 x 480	60	
SDTV(576I)	720 x 576	50	
SDTV(576P)	720 x 576	50	
WSVGA(1024 x 600)	1024 x 600	60(*3)	
HDTV(720p)	1280 x 720	50(*2)/60/120(*2)	Mac 60
WXGA	1280 x 768	60/75/85	Mac 75
WXGA	1280 x 800	60/50/48(*4)	Mac 60
WXGA(*5)	1366 x 768	60	
SXGA	1280 x 1024	60/75/85	Mac 60/75
SXGA	1440 x 900	60	Mac 60/75
SXGA+	1400 x 1050	60	
UXGA	1600 x 1200	60	
HDTV(1080I)	1920 x 1080	50/60	
HDTV(1080p)	1920 x 1080	24/30/50/60	Mac 60
WUXGA	1920 x 1200(*1)	60/50(*4)	Mac 60

(\*1) 1920x1200 @60Hz only support RB (reduced blanking)

(\*2) 3D timing for 3D Ready projector(STD) and True 3D projector(Option)

(\*3) New ERA & Data projector have this timing WSVGA

(\*4) Proscene and Data projector >4,000L, Native resolution must support @50hz/48hz

(\*5) Windows 8 standard timing



**TRUE 3D VIDEO COMPATIBILITY**

INPUT RESOLUTIONS	HDMI 1.4a 3D Input	INPUT TIMING		
		1280 x 720P @50Hz	Top-and-Bottom	
	1280 x 720P @60Hz	Top-and-Bottom		
	1280 x 720P @50Hz	Frame packing		
	1280 x 720P @60Hz	Frame packing		
	1920 x 1080i @50 Hz	Side-by-Side (Half)		
	1920 x 1080i @60 Hz	Side-by-Side (Half)		
	1920 x 1080P @24 Hz	Top-and-Bottom		
	1920 x 1080P @24 Hz	Frame packing		
INPUT RESOLUTIONS	HDMI 1.3	1920 x 1080i @50Hz	Side-by-Side (Half)	SBS mode is on
		1920 x 1080i @60Hz		
		1280 x 720P @50Hz		
		1280 x 720P @60Hz		
		800 x 600 @60Hz		
		1024 x 768 @60Hz		
		1280 x 800 @60Hz		
	1920 x 1080i @50Hz	Top-and-Bottom	TAB mode is on	
	1920 x 1080i @60Hz			
	1280 x 720P @50Hz			
	1280 x 720P @60Hz			
	800 x 600 @60Hz			
	1024 x 768 @60Hz			
	1280 x 800 @60Hz			
	1024 x 768 @120Hz	Frame sequential	3D format is Frame sequential	
		1280 x 720 @120Hz		

If 3D input is 1080p@24Hz, the DMD should replay with integral multiple with 3D mode Support NVIDIA 3DTV Play if there is no patent fee from InFocus

- Note**
- If 3D input is 1080p@24Hz, the DMD should replay with integral multiple with 3D mode.
  - 1080i@25Hz and 720p@50Hz will run in 100Hz; other 3D timing will run in 120hz.
  - 1080P@24hz will run 144Hz.

## DIGITAL COMPATIBILITY

B0/Established Timing:	B0/Standard Timing:	B0/Detail Timing:	B1/Video Mode	B1/Detail Timing:
<b>WXGA</b>				
640 x 480 @60Hz		Native timing:	640 x 480p @60Hz	WXGA:
640 x 480 @67Hz	1600 x 1200 @60Hz	WXGA: 1280 x 800 @60Hz	720(1440) x 480i @60Hz	1280 x 800p @120Hz
640 x 480 @72Hz	1440 x 900 @60Hz		720(1440) x 576i @50Hz	1366 x 768 @60Hz
640 x 480 @75Hz	1280 x 720 @60Hz		720 x 480p @60Hz	1920 x 1080p @50Hz
800 x 600 @56Hz	1280 x 800 @60Hz		720 x 576p @50Hz	1920 x 1080p @60Hz
800 x 600 @60Hz	640 x 480 @120Hz		1280 x 720p @60Hz	
800 x 600 @72Hz	800 x 600 @120Hz		1280 x 720p @50Hz	
800 x 600 @75Hz	1024 x 768 @120Hz		1920 x 1080i @60Hz	
1024 x 768 @60Hz	1280 x 720 @120Hz		1920 x 1080i @50Hz	
1024 x 768 @70Hz			1920 x 1080p @60Hz	
1024 x 768 @75Hz			1920 x 1080p @50Hz	
1280 x 1024 @75Hz			1920 x 1080p @24Hz	
1152 x 870 @75Hz			1920 x 1080p @25Hz	
			1920 x 1080p @30Hz	
<b>1080P</b>				
640 x 480 @60Hz		Native timing:	720(1440) x 480i @60Hz 4:3	3840 x 2160p @60Hz
640 x 480 @67Hz	1280 x 1024 @60Hz	1920 x 1080p @60Hz	720(1440) x 576i @ 50 Hz 4:3	1366 x 768 @60Hz
640 x 480 @72Hz	1400 x 1050@60Hz		720 x 480p @60 Hz 4:3	
640 x 480 @75Hz	1024 x 768@120Hz		720 x 576p @50 Hz 4:3	
800 x 600 @56Hz	1280 x 720 @60Hz		1280 x 720p @60 Hz 16:9	
800 x 600 @60Hz	1280 x 720 @120Hz		1280 x 720p @50 Hz 16:9	
800 x 600 @72Hz	1280 x 800 @60Hz		1920 x 1080i @60 Hz 16:9	
800 x 600 @75Hz	1440 x 900@60Hz		640 x 480p @60 Hz 4:3	
1024 x 768 @60Hz	1600 x1200 @60Hz		1920 x 1080p @60 Hz 16:9	
1024 x 768 @70Hz			1920 x 1080p @50 Hz 16:9	
1024 x 768 @75Hz			1920 x 1080p @24 Hz 16:9	
1280 x 1024 @75Hz			1920 x 1080p @30 Hz 16:9	
1152 x 870 @75Hz			1920 x 1080p @120 Hz 16:9	
			3840 x 2160p @24 Hz 16:9	
			3840 x 2160p @25 Hz 16:9	
			3840 x 2160p @30 Hz 16:9	
			3840 x 2160p @50 Hz 16:9	
			3840 x 2160p @60 Hz 16:9	
			4096 x 2160p @24 Hz 256:135	
			4096 x 2160p @25 Hz 256:135	
			4096 x 2160p @30 Hz 256:135	
			4096 x 2160p @50 Hz 256:135	
			4096 x 2160p @60 Hz 256:135	
			720 x 480p @60 Hz 16:9	
			720(1440) x 480i @60 Hz 16:9	
			720 x 576p @50 Hz 16:9	
			2880 x 480i @60 Hz 16:9	
			1440 x 480p @60 Hz 16:9	

B0/Established Timing:	B0/Standard Timing:	B0/Detail Timing:	B1/Video Mode	B1/Detail Timing:
			2880 x 576i @50 Hz 16:9	
			1440 x 576p @50 Hz 16:9	
			720(1440) x 576i @50 Hz 16:9	

**Note** Functions vary depending on model definition.

**ANALOG COMPATIBILITY**

B0/Established Timing:	B0/Standard Timing:	B0/Detail Timing:	B1/Video Mode	B1/Detail Timing:
<b>WXGA</b>				
640 x 480 @60Hz	1600 x 1200 @60Hz	Native timing:		WXGA:
640 x 480 @67Hz	1440 x 900 @60Hz	WXGA: 1280 x 800 @60Hz		1280 x 800p @120Hz
640 x 480 @72Hz	1280 x 720 @60Hz			1366 x 768 @60Hz
640 x 480 @75Hz	1280 x 800 @60Hz			1920 x 1080p @60Hz
800 x 600 @56Hz	640 x 480 @120Hz			
800 x 600 @60Hz	800 x 600 @120Hz			
800 x 600 @72Hz	1024 x 768@120Hz			
800 x 600 @75Hz	1280 x 720 @120Hz			
1024 x 768 @60Hz				
1024 x 768 @70Hz				
1024 x 768 @75Hz				
1280 x 1024 @75Hz				
1152 x 870 @75Hz				
<b>1080P</b>				
640 x 480 @60Hz	640 x 480 @120Hz	Native timing:		3840 x 2160p @60Hz
640 x 480 @67Hz	800 x 600 @120Hz	1920 x 1080p @60Hz		1366 x 768 @60Hz
640 x 480 @72Hz	1024 x 768 @120Hz			
640 x 480 @75Hz	1280 x 720 @60Hz			
800 x 600 @56Hz	1280 x 720 @120Hz			
800 x 600 @60Hz	1280 x 800 @60Hz			
800 x 600 @72Hz	1440 x 900 @60Hz			
800 x 600 @75Hz	1600 x 1200 @60Hz			
1024 x 768 @60Hz				
1024 x 768 @70Hz				
1024 x 768 @75Hz				
1280 x 1024 @75Hz				
1152 x 870 @75Hz				

**Note** Functions vary depending on model definition.

## 13.3 ON SCREEN DISPLAY (OSD) MENU TREE

### IMAGE

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values		
Display	Image Settings	Display Mode			Presentation [Default]		
					Bright		
					Cinema		
					Gaming		
					User		
					3D		
					HDR/HLG SIM. (1080P model only)		
		Brightness				-50 ~ 50	
		Contrast				-50 ~ 50	
		Sharpness				1 ~ 15	
		Color				-50 ~ 50	
		Tint				-50 ~ 50	
		Gamma				Film	
						Video	
						Graphics [Default]	
						Standard(2.2)	
		Color Settings	Color Temperature			Cold [Default]	
						Warm	
						Standard	
			Color Space	(HDMI)			Auto [Default]
							RGB(0~255)
							RGB(16~235)
							YUV
				(Non-HDMI)			Auto [Default]
					RGB		
					YUV		
		Signal	Automatic			On	
						Off [Default]	
			Frequency				-10 ~ 10 (depends on signal) [Default: 0]
			Phase				0~31 (depends on signal)
			H. Position				-5 ~ 5 (depends on signal) [Default: 0]
		V. Position					-5 ~ 5 (depends on signal) [Default: 0]
			Brightness Mode		DynamicBlack		
Eco							
Power 50% ~ 100%							
Reset							

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values	
Display	3D	3D Mode			On	
					Off [Default]	
		3D Format			Auto [Default]	
					SBS	
					Top and Bottom	
					Frame Sequential	
		3D Sync Invert			On	
				Off [Default]		
	Aspect Ratio			Auto [Default]		
				4:3		
				16:9		
				16:10		
				Full		
				L. Box		
	Zoom				-5 ~ 25 [Default: 0]	
	Keystone	Four Corners				
		H Keystone			+/- 30 degree for SP326/8 models [Default: 0] +/- 15 degree for SP326/8ST models [Default: 0]	
V Keystone				+/- 30 degree for SP326/8 models [Default: 0] +/- 15 degree for SP326/8ST models [Default: 0]		
Reset						
Audio	Mute				On	
					Off [Default]	
	Volume				0 ~ 10 [Default: 5]	
Setup	Projection				Front [Default]	
					Rear	
					Ceiling	
					Ceiling Rear	
	Power Settings	Direct Power On				On
						Off [Default]
		Signal Power On				On
						Off [Default]
		Auto Power Off (min)				0 ~ 180 (min) [Default: 15]
		Power Mode (Standby)				Active
				Eco. [Default]		
				Auto Eco.		

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values	
Setup	Security	Security			On	
					Off [Default]	
		Security Timer	Month		0 ~ 12 [Default: 0]	
			Day		0 ~ 30 [Default: 0]	
	Hour			0 ~ 24 [Default: 0]		
		Change Password			0000~9999 [Default: 1234]	
	HDMI CEC				On	
					Off [Default]	
	Test Pattern				Off [Default]	
					Grid (green/magenta/white)	
					White	
	Options	Language				English [Default]
						Deutsch
						Français
						Italiano
						Español
						Português
						Polski
						Nederlands
						Svenska
						Norsk/Dask
						Suomi
						繁體中文
						简体中文
						日本語
						한국어
						Русский
						Magyar
						Čeština
						عربي
						ไทย
				Türkçe		
				Tiếng Việt		
			Bahasa Indonesia			
	Auto Source			On		
				Off [Default]		
	High Altitude			On		
				Off [Default]		
	Logo			Default [Default]		
				User		
	Reset					

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values	
Network	LAN	Network Status			Read only	
		MAC Address			Read only	
		DHCP			On	
					Off [Default]	
		IP Address			default: 192.168.0.100	
		Subnet Mask			default: 255.255.255.0	
		Gateway			default: 192.168.0.254	
		DNS			default: 192.168.0.51	
		Reset				
		Network	Control	Crestron		
						Off
		Extron				On [Default]
						Off
		PJ Link				On [Default]
				Off		
AMX Device Discovery				On [Default]		
				Off		
Telnet				On [Default]		
				Off		
HTTP				On [Default]		
				Off		
Info	Serial Number					
	Source					
	Resolution				00 x 00	
	Refresh Rate				0.00Hz	
	Display Mode					
	Light source Hours				0hr	
	Brightness Mode					
	FW Version	System				
LAN						
MCU						

**Note** Functions vary depending on model definition.

## 14. SPECIFICATIONS



### INFORMATION

All specifications are subject to change without notice.

### 14.1 NEMESIS I, P141, SPECIFICATIONS

	IN1006SL	IN1008SL
<b>IMAGE</b>		
Product Series	NEMESIS I	
Display Technology	Texas Instruments DLP®	
Panel Size	0.65" DMD	0.47" DMD
Native Resolution	WXGA	1080p
Pixels	1280×800	1920×1080
Aspect Ratio	16:10	16:9
Contrast Ratio	400000:1	
Brightness (Lumens)	4500	4500
Light Source	Quantum Laser	
Light Source Life Maximum Hours	30000	
Maximum Supported Resolution	1920×1080	3840 x 2160
Horizontal Sync. Range (KHz)	15 ~ 100	
Vertical Sync. Range (Hz)	24 ~ 120	
Uniformity (%)	85	
<b>LENS</b>		
Lens	1.1×	
Lens Zoom Adjustment	Manual	
Image Offset (%)	112.4	116
Focal Length (mm)	21.85 ~ 24.00	
F-Stop	2.41 ~ 2.53	2.5 ~ 2.67
Keystone Adjustment	Manual/Automatic	
Vertical Keystone Correction	± 30°	
Projection Factor	1.54 ~ 1.72	1.48 ~ 1.62
Projection Distance (Meters/Feet)	1 ~ 10 / 3.28 ~ 32.8	1 ~ 5 / 3.28 ~ 16.4
Optical Zoom	1.1 : 1	
Digital Zoom Demagnification / Magnification	0.8× ~ 2.0×	
Focus Adjustment	Manual	
<b>CONNECTIVITY—INPUTS</b>		
Mini D-sub 15-pin (VGA)	☑	
Composite Video	—	
S-Video	—	
HDMI™ 1.4	☑☑	—
HDMI™ 2.0	—	☑☑



	IN1006SL	IN1008SL
RJ45 - LAN 10/100/1000		–
3.5 mm Stereo Mini Jack		☑
<b>CONNECTIVITY – OUTPUTS</b>		
Mini D-sub 15-pin (VGA)		–
3.5 mm Stereo Mini Jack		☑
Powered USB-A for Wireless Dongle		☑
<b>CONNECTIVITY - OTHER</b>		
RS232		☑
All Major 3D Formats		☑
USB-A for Service		☑
<b>POWER</b>		
Power Supply	100 ~ 240 V AC; 50 ~ 60 Hz	
Power Consumption Max (W)	139	
Power Consumption Min. (W)	88	
Power Consumption Network Standby (W)	<2.0	
Power Consumption Standby (W)	<0.5	
<b>GENERAL</b>		
Product Dimensions (L x W x H) (mm / in)	278 x 216 x 116 / 10.9 x 8.5 x 4.6	
Product Weight (Kilograms/Pounds)	2.9 / 6.35	
Packaged Dimensions (L x W x H) (mm / in)	400 x 280 x 155 / 15.8 x 11.0 x 6.1	
Packaged Weight (Kilograms/Pounds)	4.4 / 9.68	
Fan Noise (dB)	28 ~ 30	
Audio (W)	1 x 15	
Operating Temperature (Celsius/Fahrenheit)	0 ~ 40 / 32 ~ 104	
Operating Humidity (%)	0 ~ 85	
Max Operating Altitude (meters / feet)	3048 / 10000	
Storage Temperature (Celsius/Fahrenheit)	-10 ~ 60 / 14 ~ 140	
Storage Humidity (%)	0 ~ 85	
Security	Kensington Security Slot™, PIN Code Lock & Timer	
Safety and Regulatory	CE, EAC, RoHS, cTUVus, CCC, FCC, FDA, NOM	
Environmental	WEEE, RoHS	
<b>IN THE BOX</b>		
Projector	☑	☑
Simplified Users Guide	☑	☑
HDMI Cable	☑	☑
Regional Power Cord	☑	☑
Remote Control (no Battery)	☑	☑

## 14.2 NEMESIS II, P127 & P128, SPECIFICATIONS

	IN1026SL	IN1028SL	IN1026ST	IN1028ST
<b>IMAGE</b>				
Product Series	NEMESIS II			
Display Technology	Texas Instruments DLP®			
Panel Size	0.65" DMD	0.65" DMD	0.65" DMD	0.65" DMD
Native Resolution	WXGA	1080p	WXGA	1080p
Pixels	1280×800	1920×1080	1280×800	1920×1080
Aspect Ratio	16:10	16:9	16:10	16:9
Contrast Ratio	400000:1			
Brightness (Lumens)	5000	5000	4000	4000
Light Source	Quantum Laser			
Light Source Life Maximum Hours	30000			
Maximum Supported Resolution	1920×1200	3840 x 2160	1920×1200	3840 x 2160
Horizontal Sync. Range (KHz)	15 ~ 100			
Vertical Sync. Range (Hz)	24 ~ 120			
Uniformity (%)	85			
<b>LENS</b>				
Lens	1.6×		1:1 Fixed	
Lens Zoom Adjustment	Manual		-	
Image Offset (%)	112	116	112	116
Focal Length (mm)	20.91 ~ 32.62		7,51	
F-Stop	2.5~3.26	2.5~3.26	2.8	2.8
Keystone Adjustment	Manual/Automatic			
Vertical Keystone Correction	± 30°		± 15°	
Projection Factor	1.47~2.35	1.4 ~ 2.24	0.521	0.496
Projection Distance (Meters/Feet)	1 ~ 10 / 3.28 ~ 32.8			
Optical Zoom	1.6 : 1		1 : 1	
Digital Zoom Demagnification / Magnification	0.8× ~ 2.0×			
Focus Adjustment	Manual			
<b>CONNECTIVITY—INPUTS</b>				
Mini D-sub 15-pin (VGA)	☑			
Composite Video	-			
S-Video	-			
HDMI™ 1.4	☑☑	-	☑☑	-
HDMI™ 2.0	-	☑☑	-	☑☑
RJ45 - LAN 10/100/1000	☑			
3.5 mm Stereo Mini Jack	☑			
<b>CONNECTIVITY—OUTPUTS</b>				
Mini D-sub 15-pin (VGA)	-			
3.5 mm Stereo Mini Jack	☑			
Powered USB-A for Wireless Dongle	☑			

	IN1026SL	IN1028SL	IN1026ST	IN1028ST
<b>CONNECTIVITY - OTHER</b>				
RS232			☑	
All Major 3D Formats			☑	
USB-A for Service			☑	
<b>POWER</b>				
Power Supply	100 ~ 240 V AC; 50 ~ 60 Hz			
Power Consumption Max (W)	195			
Power Consumption Min. (W)	145			
Power Consumption Network Standby (W)	<2.0			
Power Consumption Standby (W)	<0.5			
<b>GENERAL</b>				
Product Dimensions (L x W x H) (mm / in)	278 x 216 x 116 / 10.9 x 8.5 x 4.6			
Product Weight (Kilograms/Pounds)	3.1 / 6.8			
Packaged Dimensions (L x W x H) (mm / in)	400 x 280 x 155 / 15.8 x 11.0 x 6.1			
Packaged Weight (Kilograms/Pounds)	4.6 / 10.2			
Fan Noise (dB)	26 ~ 32			
Audio (W)	1 x 15			
Operating Temperature (Celsius/Fahrenheit)	5 ~ 40 / 41 ~ 104			
Operating Humidity (%)	10 ~ 85			
Max Operating Altitude (meters / feet)	3048 / 10000			
Storage Temperature (Celsius/Fahrenheit)	-10 ~ 60 / 14 ~ 140			
Storage Humidity (%)	10 ~ 85			
Security	Kensington Security Slot™, PIN Code Lock & Timer			
Safety and Regulatory	CB, CE, EAC, cTUVus, CCC, FCC, UKCA			
Environmental	WEEE, RoHS			
<b>IN THE BOX</b>				
Projector	☑	☑	☑	☑
Simplified Users Guide	☑	☑	☑	☑
HDMI Cable	☑	☑	☑	☑
Regional Power Cord	☑	☑	☑	☑
Remote Control (no Battery)	☑	☑	☑	☑

## 15. PRODUCT COMPLIANCE

### 15.1 FOR USERS IN THE UNITED STATES



#### INFORMATION

##### FCC COMPLIANCE STATEMENT – CLASS B

This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual may cause interference to radio communications. It has been tested and found to comply with the limits for a Class “B” computing device pursuant to Subpart B of Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference when operated in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, or any other form of communication, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance may void the user’s authority to operate the product. Where shielded interface cables have been provided with the product, specified additional components or accessories elsewhere defined to be used with the installation of the product, they shall be used in order to ensure compliance with FCC regulations.

##### US Importer and Local Representative in accordance with FCC regulations

Maxnerva Technology Services USA LLC  
 13190 SW 68th Parkway, Suite 120  
 Portland, Oregon 97223.

### 15.2 FOR USERS IN CANADA



#### INFORMATION

This Class B digital apparatus complies with Canadian ICES-003.  
 Cet appareil numérique de la classe B est conforme la norme NMB-003 du Canada.

##### INDUSTRY CANADA REGULATORY INFORMATION

Operation is subject to the following two conditions:

- (\*1) this device may not cause interference, and
- (\*2) this device must accept any interference, including interference that may cause undesired operation of the device.

The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions.

**INSTRUCTIONS TO USERS:** This equipment complies with the requirements of FCC equipment provided that the following conditions are met. If the cables include a EMI ferrite core, attach the ferrite core end of the cable to the projector. Use the cables which are included with the projector or specified.

\*\* Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Complies with IDA Standards DA103121

### 15.3 FOR USERS IN EUROPEAN UNION



**INFORMATION**  
**EU COMPLIANCE**



**INFORMATION**  
**CE COMPLIANCE STATEMENT**

Electromagnetic Compatibility Statement: Meets 2014/30/EU Directive  
Low Voltage Directive: Meets 2014/35/EU Directive

**EU Importer**

Grand Field Technology Limited  
Room 1001, 10/F, Houston Centre, 63 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong.

**EU Authorised Representative**

24hour Solutions B.V.  
Van Nelleweg 1,  
3044 BC, Rotterdam,  
The Netherlands  
info@24hour-ar.com  
www.24hour-ar.com

### 15.4 FOR USERS IN THE UNITED KINGDOM AND NORTHERN IRELAND



**INFORMATION**  
**UK COMPLIANCE**



**INFORMATION**  
**UKCA COMPLIANCE STATEMENT**

Electromagnetic Compatibility Regulations 2016  
Electrical Equipment (Safety) Regulations 2016  
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012  
Manufacturer, Importer and Authorised Representative in accordance with national directives

**Manufacturer**

Maxnerva Technology Services Limited  
Room 1001, 10/F, Houston Centre, 63 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong.

**UK Authorised Representative in accordance with UK regulations**

24hour Solutions Ltd.  
15 Beaufort Court  
Admirals Way, Canary Wharf  
London, E14 9XL, UK  
+44 (0)20 457 129 06  
Company ID 13630765

## 15.5 FOR USERS IN RUSSIA



### INFORMATION

#### Russian Authorised Representative

Maxnerva has appointed AUVIX LLC, 129085, с. Moscow, Zvezdny Boulevard, 21, bldg. 1. as the authorised representative in Russia and this product is compliant with TR TC 004/2011, TR TC 020/2011 and TR CU 020/2011 local conformity testing and approvals.

Махнерва назначил ООО « АУВИКС », 129085, г. Москва, Звездный бульвар, д. 21, стр. 1., в качестве официального представителя в России, и этот продукт соответствует требованиям TR TC 004/2011, TR TC 020/2011 и TR CU 020 /2011г. местные испытания на соответствие и согласования.

ООО « АУВИКС »

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