



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	—	—

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY

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CONNECTED**

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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



+1 877-388-8360



support@infocus.com



infocus.com/support

Europe, Middle East & Africa

Monday – Friday

8am – 5pm CET



eusupport@infocus.com



infocus.com/support

Asia Pacific

Monday – Friday

8am – 5pm ICT



apsupport@infocus.com



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.

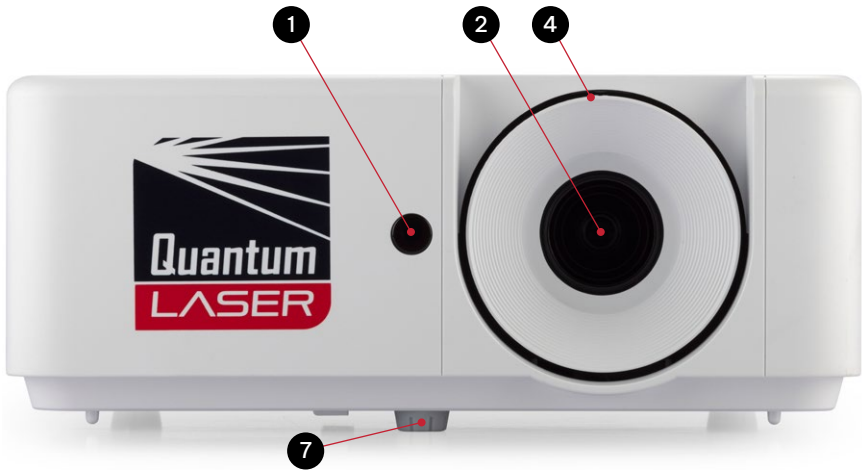
**WARNING**

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

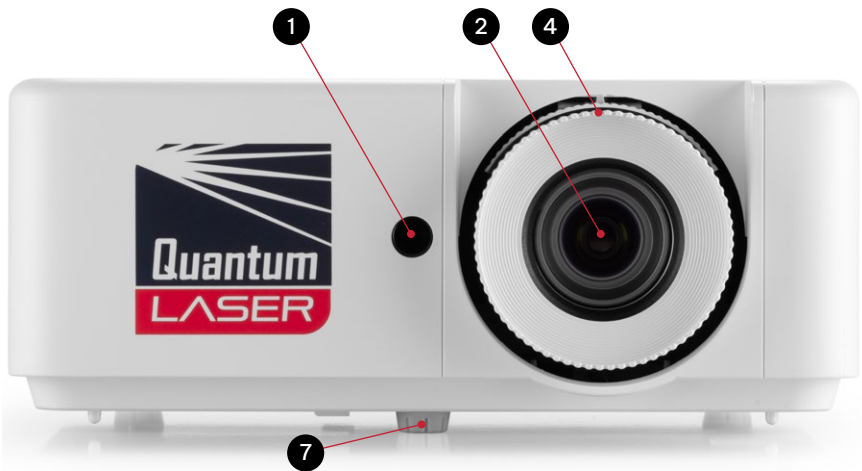
2.3.1 FRONT

a)



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

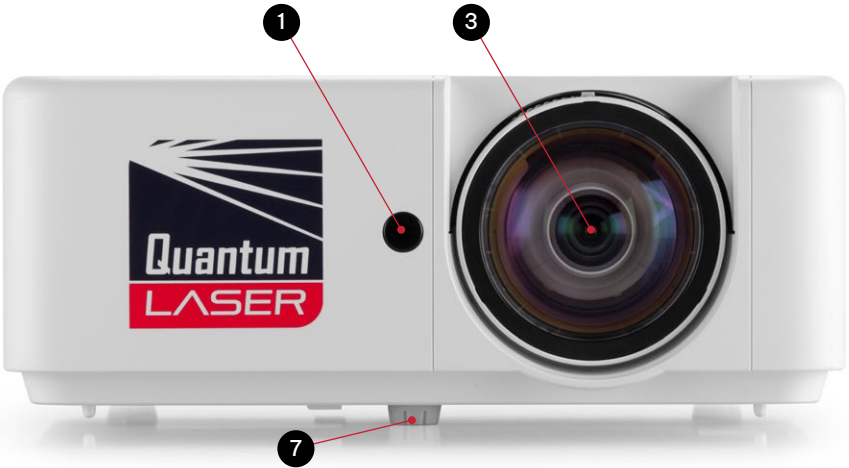
b)



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

PRODUCT DESCRIPTION

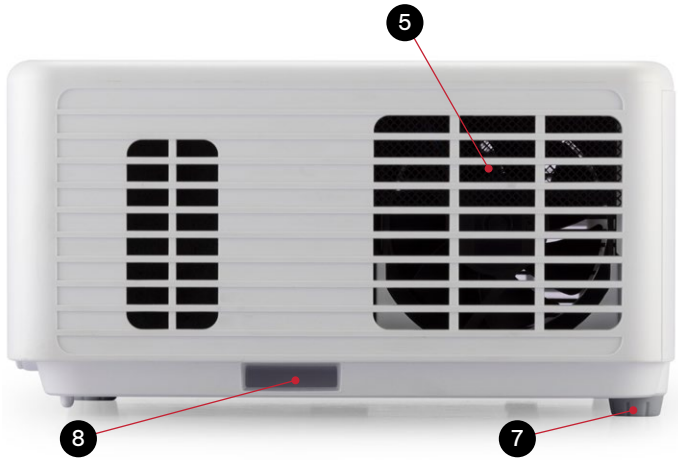
c)



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

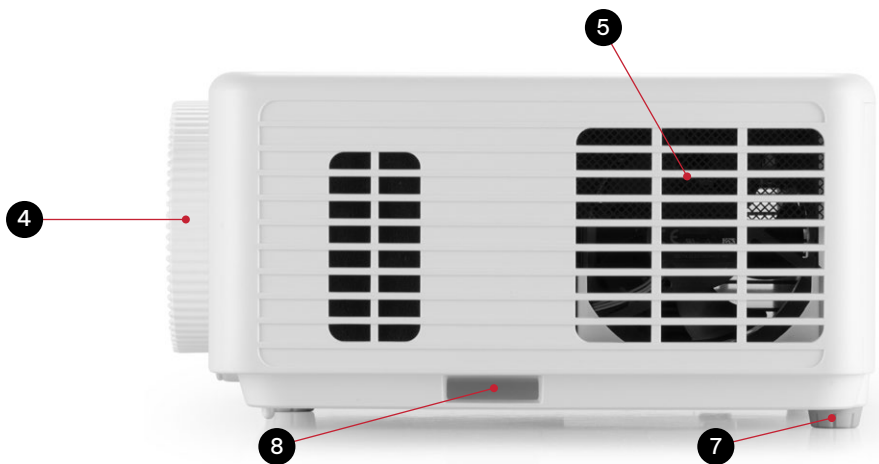
2.3.2 RIGHT SIDE

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	-	-

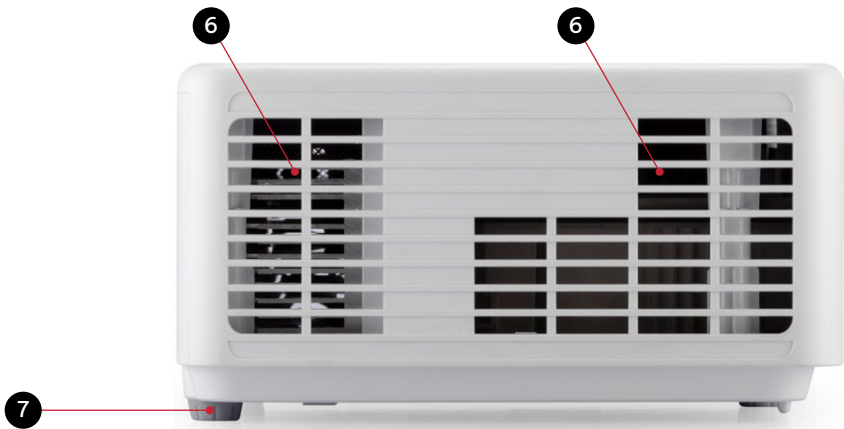
b)



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

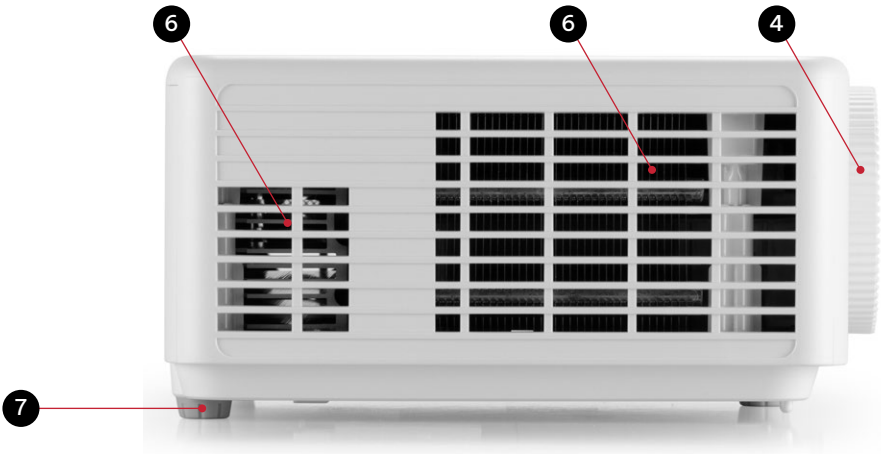
a)



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

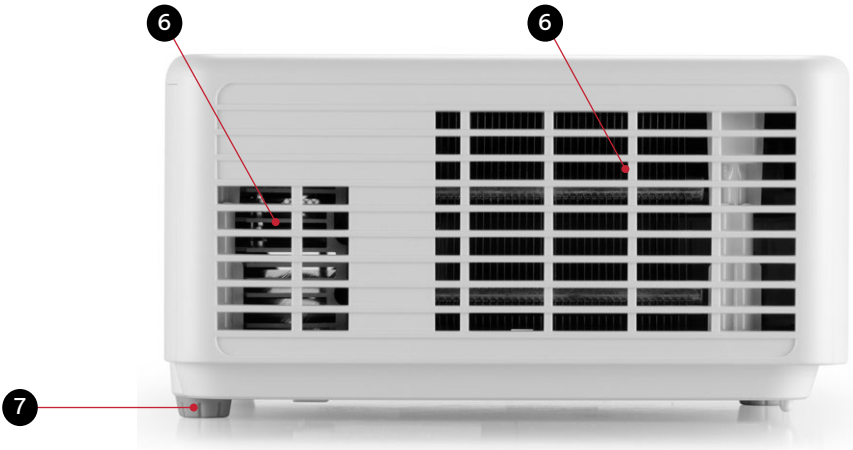
PRODUCT DESCRIPTION

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	-	-

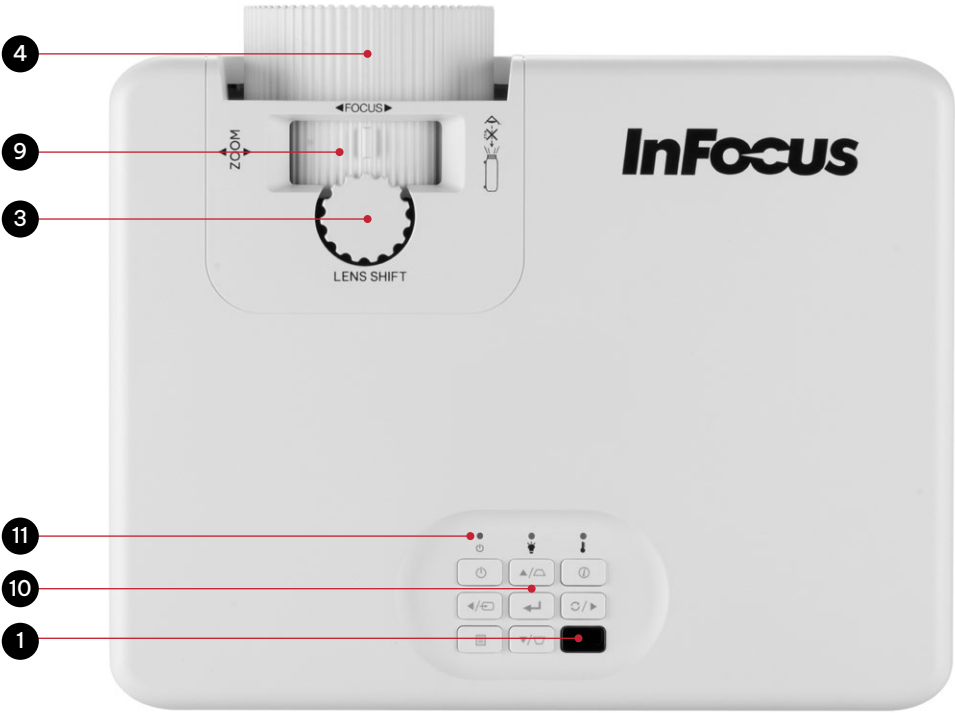
2.3.4 TOP

a)



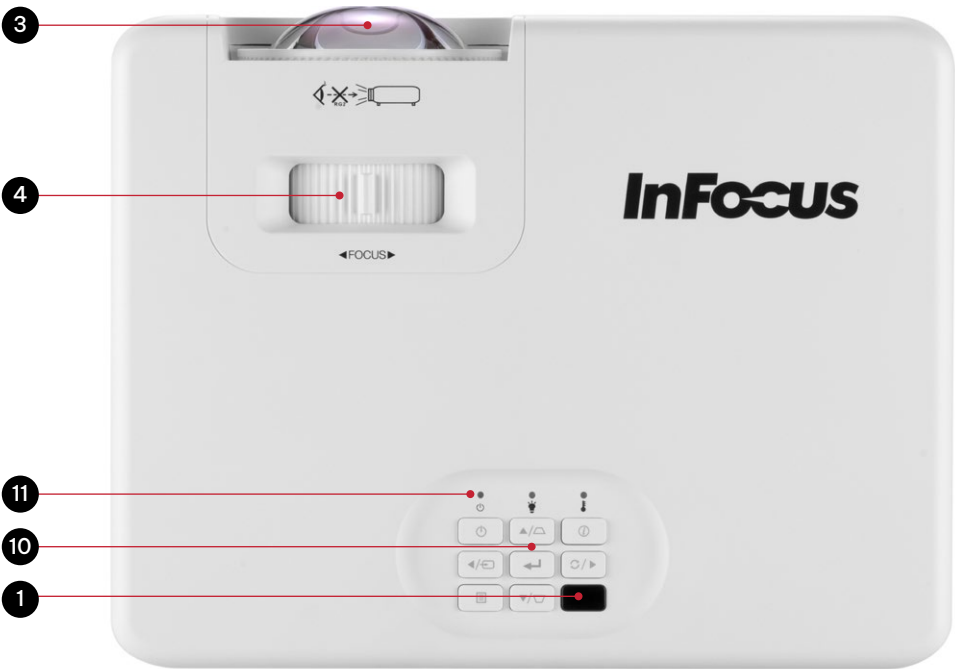
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	IN1008SL	-	-

b)



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

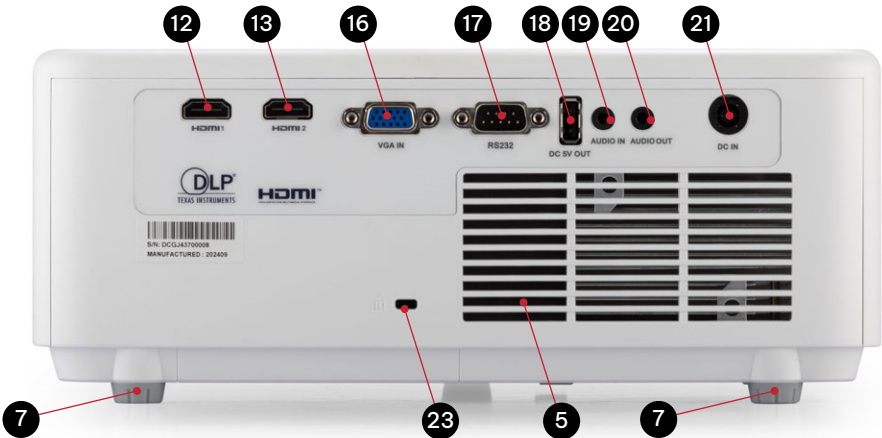
c)



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

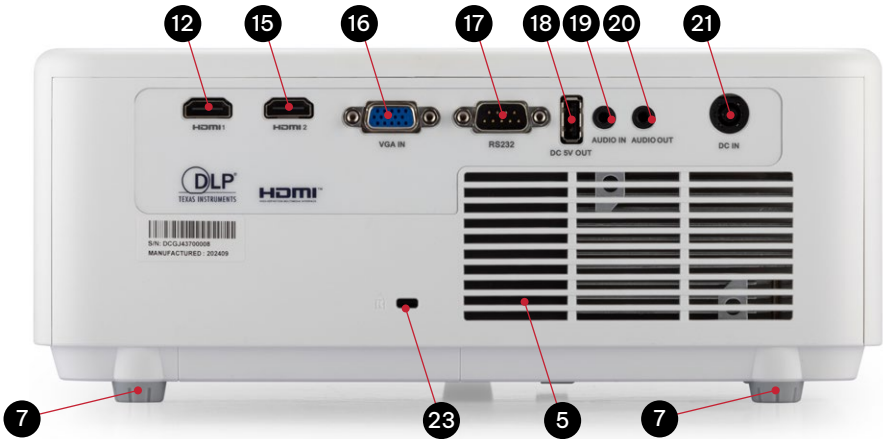
2.3.5 BACK

a)



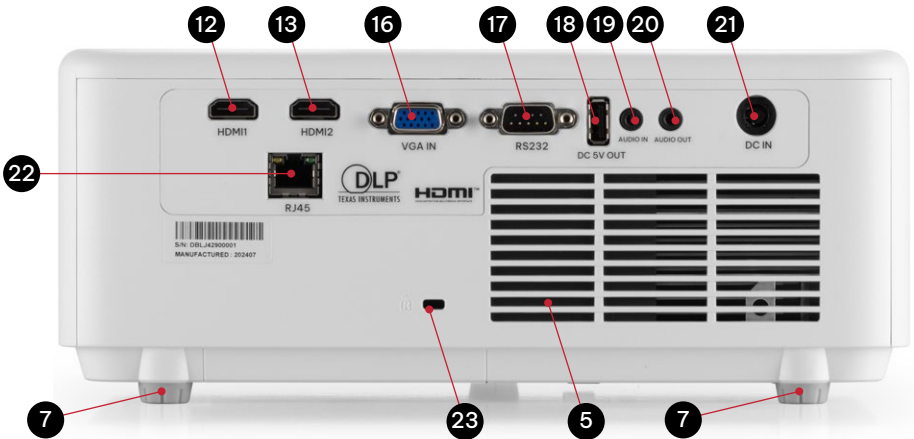
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	IN1006SL	-	-	-

b)



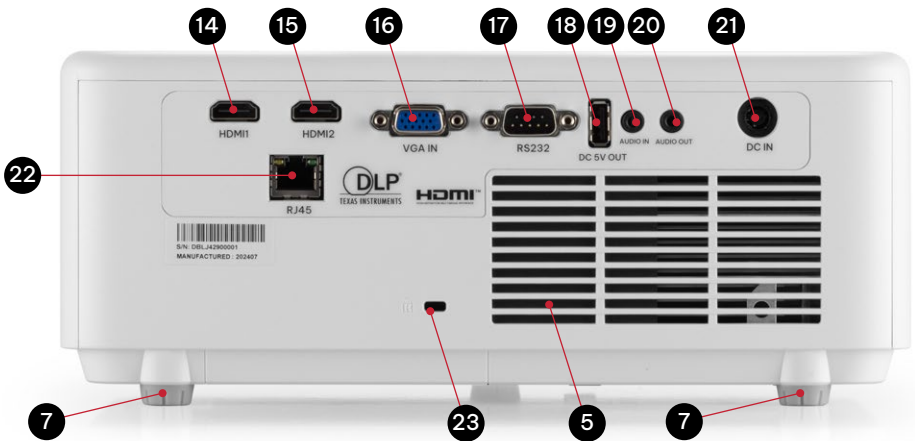
REGULATORY MODEL	SERIES NAME	LENS TYPE/ RESOLUTION	WXGA	1080p	WUXGA	4K
P141	INFOCUS QUANTUM LASER NEMESIS I	STANDARD THROW	-	IN1008SL	-	-

c)



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	-	-	-

d)



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

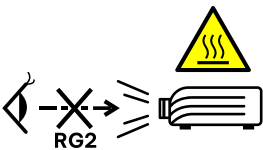
Read and understand this guide and its safety instructions before using this product. Failure to do so can result in serious injury.

3.1 LASER RADIATION SAFETY INFORMATION

This product is classified as CLASS 1 LASER PRODUCT - RISK GROUP 2 of IEC60825-1: 2014 and also complies with 21 CFR 1040.10 and 1040.11 as a Risk Group 2, LIP (Laser Illuminated Projector) as defined in IEC 62471:Ed. 1.0. For more information, see Laser Notice No. 57, dated May 8, 2019.

Do not stare into beam, RG2

As with any bright source, do not stare into the direct beam, RG2 IEC 62471-5:2015.



CAUTION! Hot Surface, Do not touch.



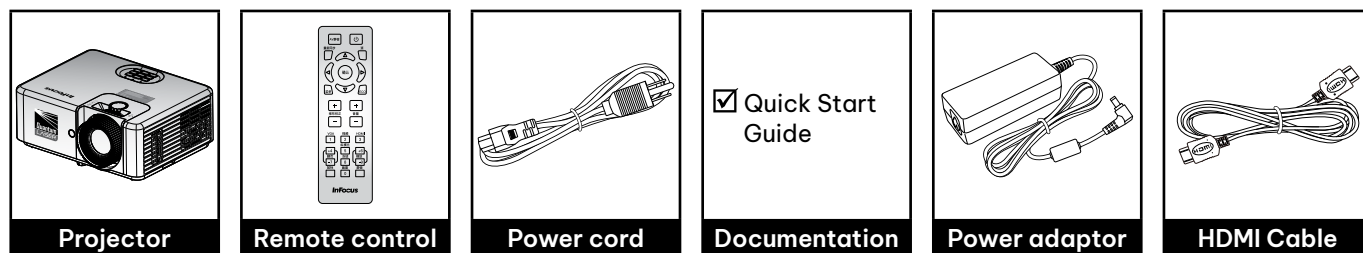
- Do not place your hands, face, or other objects in front of the projector lens while the projector is operating. Doing so can cause the object to get extremely hot, and possibly resulting in a fire or damage due to the heat emitted from the light output. Things placed in front of the lens may overheat and burn or start a fire.
- Do not spray flammable gas to get rid of the dust and dirt that accumulated in the lens.
- Doing so could cause a fire.

3.2 PRODUCT SAFETY LABELS AND LOCATION

LABEL NAME	LABEL IMAGE	LABEL LOCATION
Specification Label		
Note Spec label varies by region (for reference only).		
Warning Label		
Warning Label		

4. UNPACKING AND INSTALLING

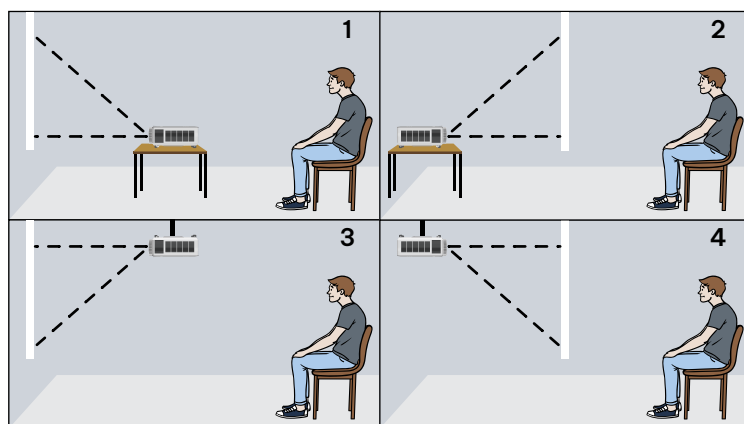
4.1 PACKAGING CONTENTS



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.

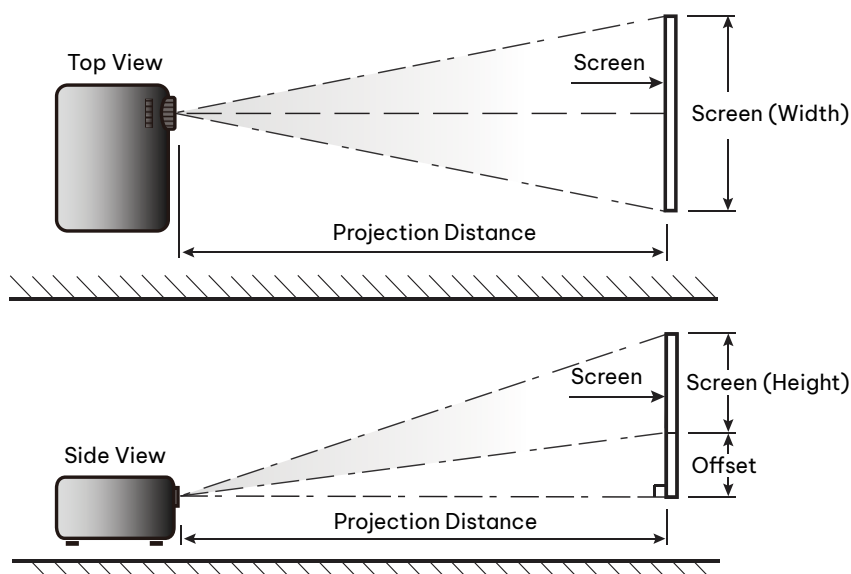
1. Table mounted front projection
2. Table mounted rear projection
3. Ceiling mounted front projection
4. Ceiling mounted rear projection



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

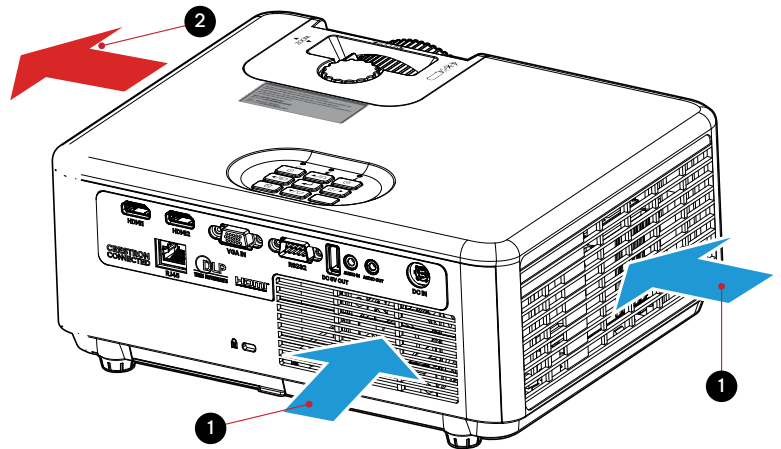
P128 IN1028ST 1080p 1:1 ZOOM

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

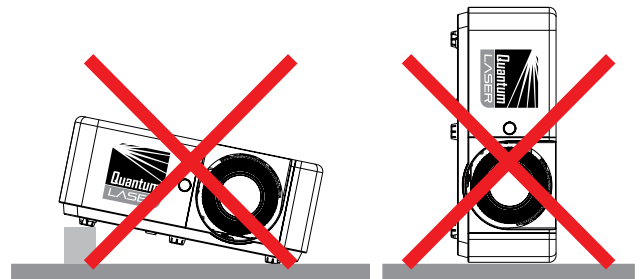
Allow at least 30cm clearance around the intake and exhaust vent and ensure that the intake vents do not recycle hot air from the exhaust vent.

REFERENCE	DESCRIPTION
1	Air intake vent
2	Air outtake vent

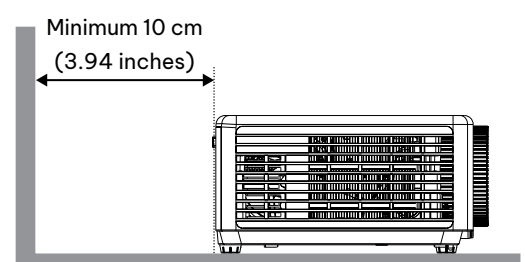
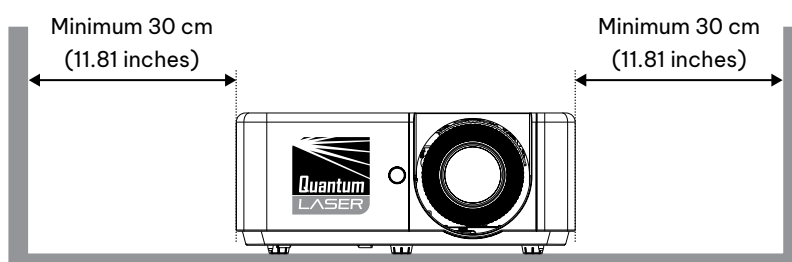
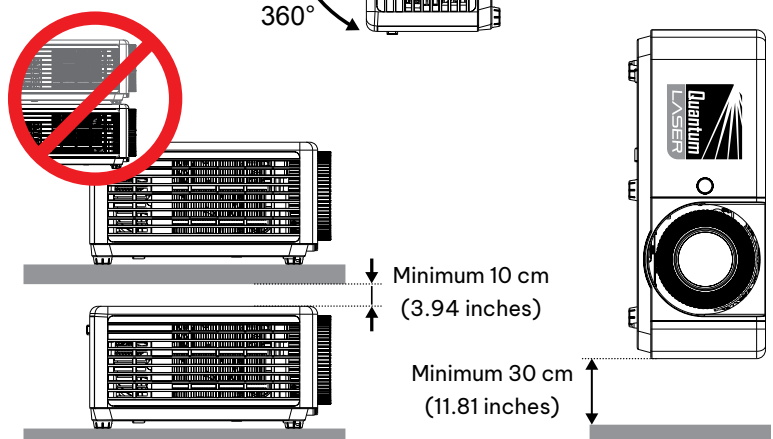
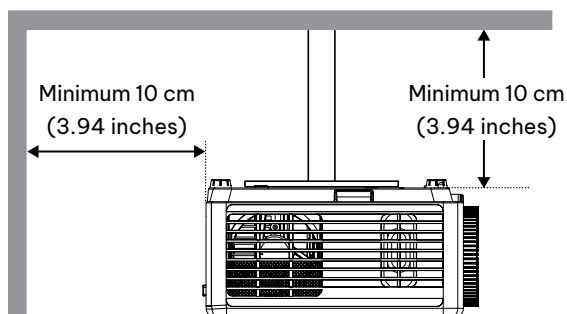
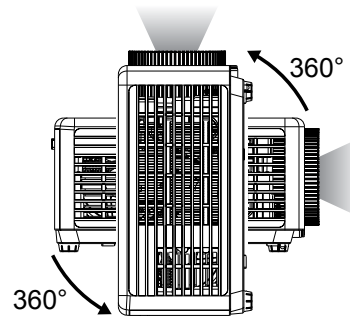


Projector installation notice

- 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

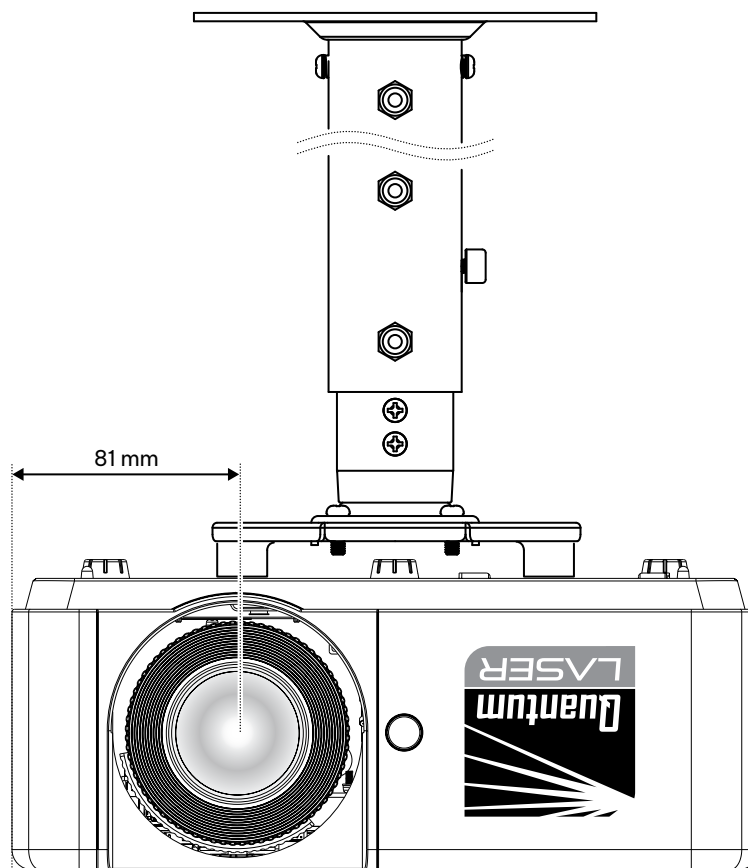


When operating the projector in an enclosed space:

- 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

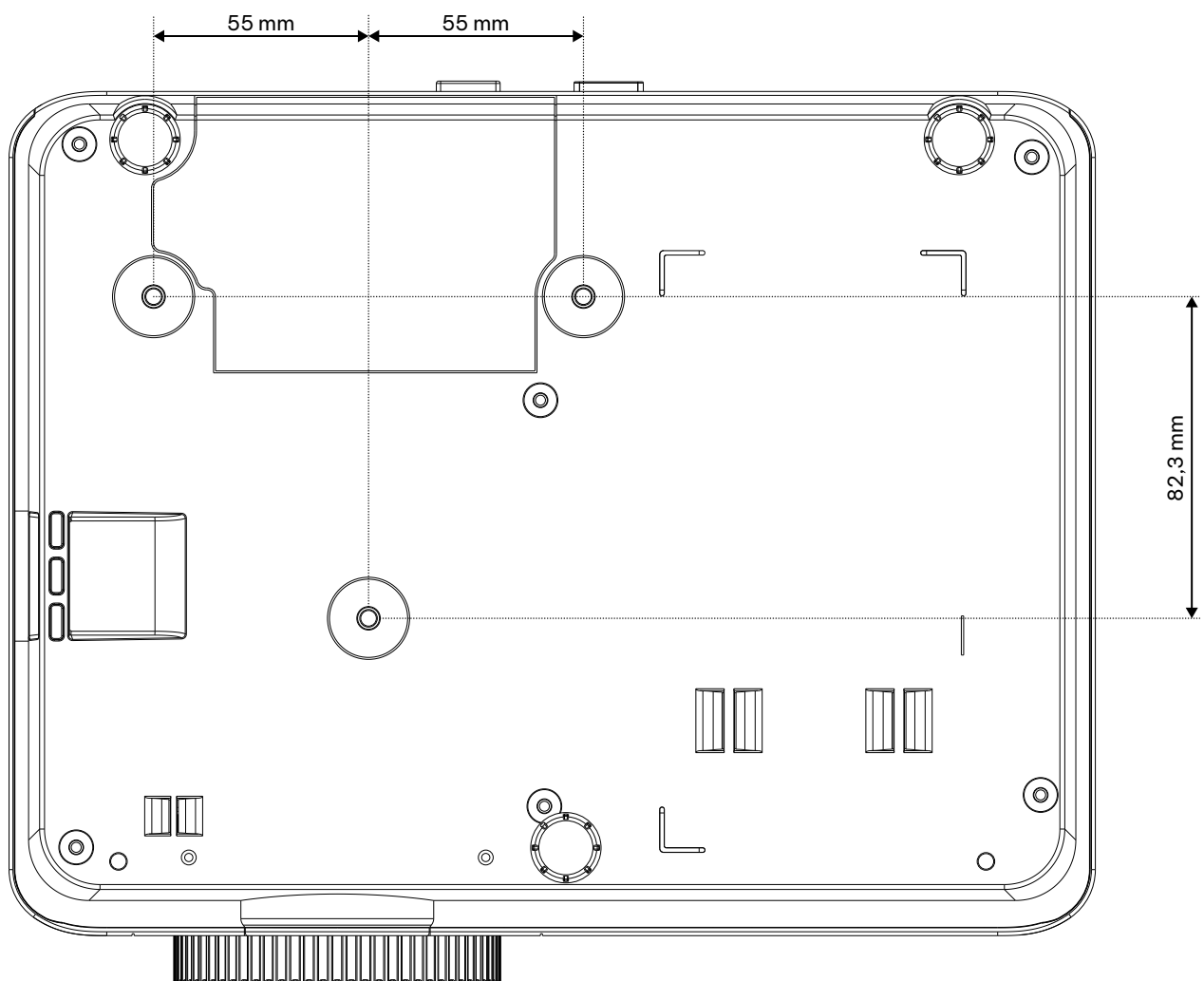
Please note that damage resulting from incorrect installation will void the warranty. If you buy a ceiling mount from another company, please be sure to use the correct screw size. Screw size will vary depending on the thickness of the mounting plate.

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.

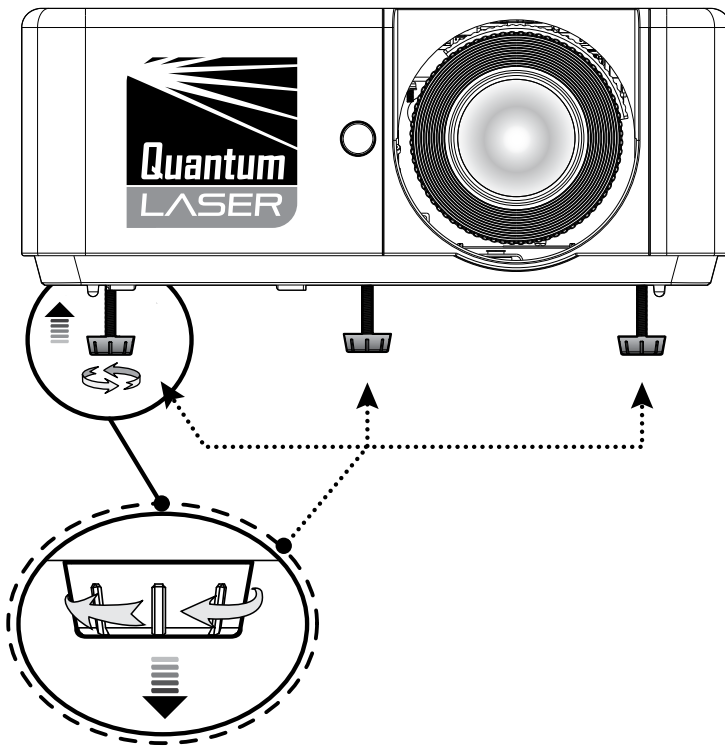
Avoid installing the projector near a heat source.



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.

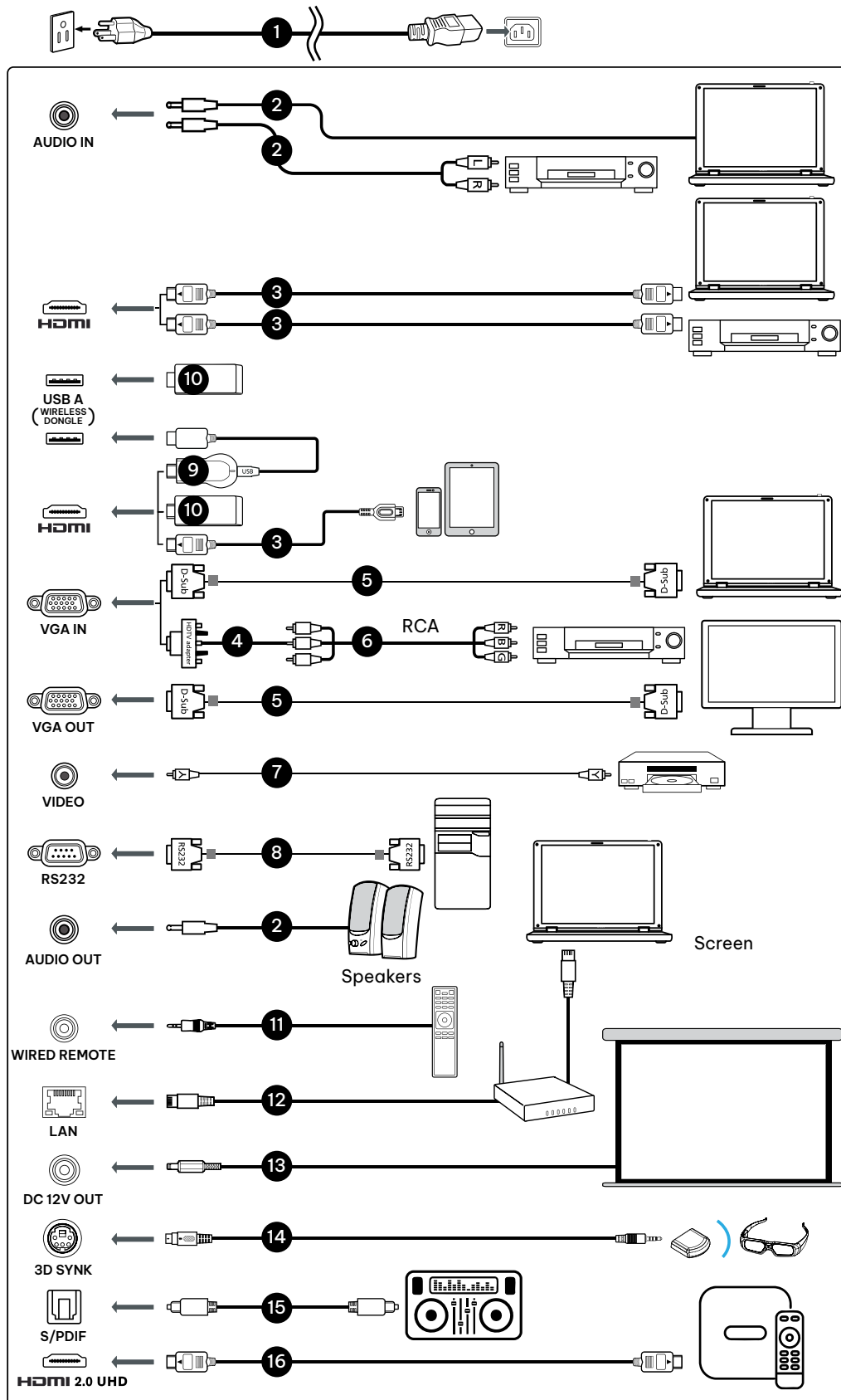


INFORMATION

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



USING

REFERENCE	DESCRIPTION	REFERENCE	DESCRIPTION
1	Power cord	9	WirelessHD dongle
2	Audio cable	10	Wireless dongle
3	HDMI (MHL) cable	11	Wired remote control
4	VGA to component/HDTV adapter	12	LAN cable
5	VGA cable	13	12V DC cable
6	3 RCA component cable	14	3D SYNC cable
7	Composite video cable	15	S/PDIF
8	RS232 cable	16	HDMI 2.0 UHD



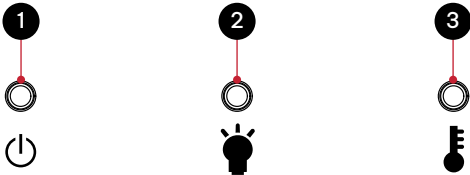
INFORMATION

Not all inputs are available on all models.

7. USING

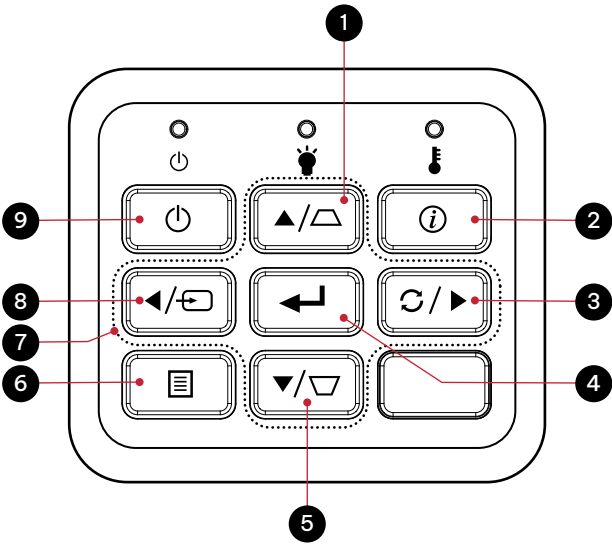
7.1 LEDS

REFERENCE	DESCRIPTION
1	Power
2	Lamp
3	Temperature



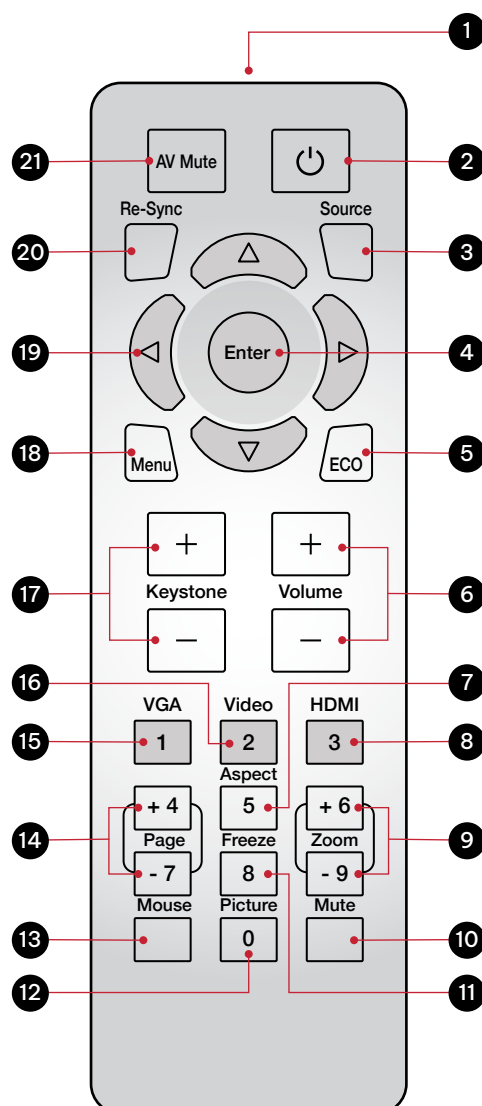
7.2 KEYPAD

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



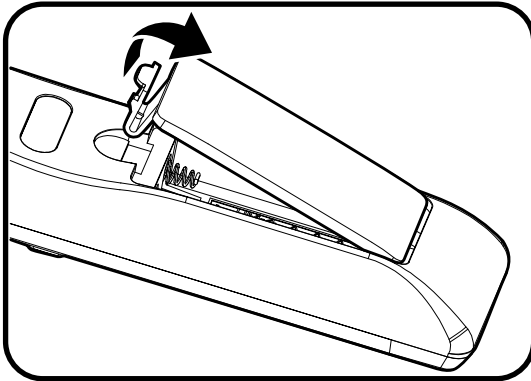
INFORMATION

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

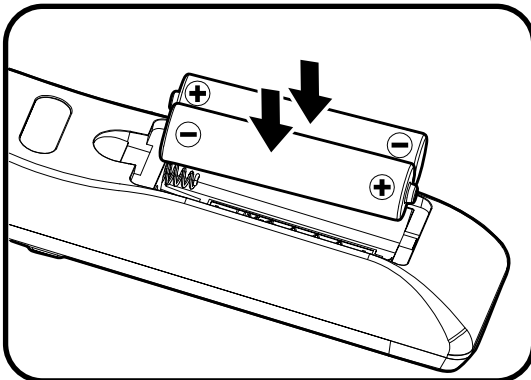
7.3.1 INSTALLING BATTERIES IN THE REMOTE CONTROL

The remote requires two AAA batteries (not included).

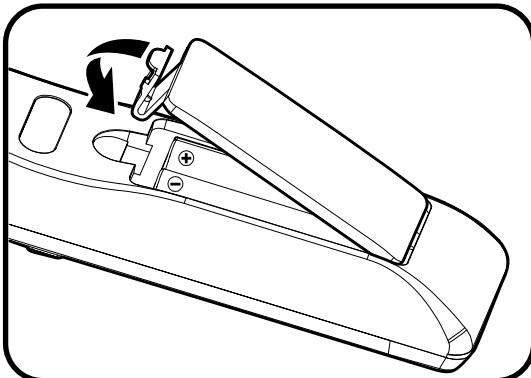
1. Remove the battery cover on the back of the remote control.



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

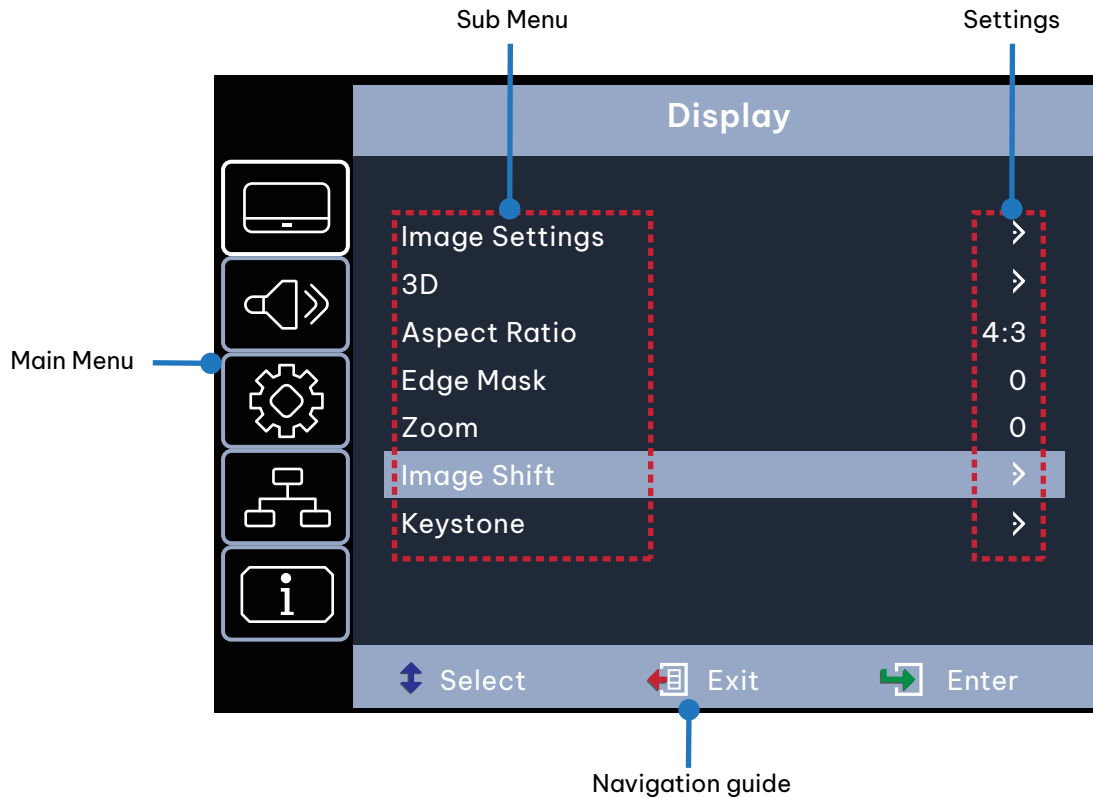
1. Select **Display > Display Mode > 3D > 3D Format**.
2. Select **Auto**.
3. Press **Enter**.

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

Username

admin

Password

Login

Logout

Admin > General Setup

System Status

General Setup

Projector Control

Network Setup

Alert Setup

Crestron

Reset to Default

Reboot System

Projector Name

InFocus 1080P

Apply

Change Username and password for Webpage

Enter Username

admin

Enter Old password

Enter New password

Confirm New password

Apply

- Reusing passwords is not recommended.
- Password cannot be blank.
- Password needs to be at least eight single-byte characters in length and use a mix of the following 3 types of letters.
 - Uppercase letters
 - Lowercase letters
 - Digits
- The user name and password are used by the Web Control function. Changing the current settings may interrupt the connection. For details, refer to the user's manual.

PJLink Setting

PJLink Password

☐ Enable
☒ Disable

Current Password

New Password

Confirm Password

Apply

- Reusing passwords is not recommended.
- The password is used for the communication control via a LAN. Changing the current settings may interrupt the connection. For details, refer to the user's manual.

USING THE ON SCREEN DISPLAY (OSD)

[Logout](#)

Admin > System Status

System Status	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="background-color: #333; color: white;">Model Name</td><td>InFocus 1080P</td></tr> <tr><td style="background-color: #333; color: white;">Projector Name</td><td>InFocus 1080P</td></tr> <tr><td style="background-color: #333; color: white;">FW Version</td><td></td></tr> <tr><td style="background-color: #333; color: white;">System</td><td>A02</td></tr> <tr><td style="background-color: #333; color: white;">LAN</td><td>C07</td></tr> <tr><td style="background-color: #333; color: white;">LAN Status</td><td></td></tr> <tr><td style="background-color: #333; color: white;">IP Address</td><td>192.168.0.100</td></tr> <tr><td style="background-color: #333; color: white;">Subnet Mask</td><td>255.255.255.0</td></tr> <tr><td style="background-color: #333; color: white;">Default Gateway</td><td>192.168.0.254</td></tr> <tr><td style="background-color: #333; color: white;">MAC Address</td><td>00:60:E9:34:85:30</td></tr> </table>	Model Name	InFocus 1080P	Projector Name	InFocus 1080P	FW Version		System	A02	LAN	C07	LAN Status		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
Model Name	InFocus 1080P																				
Projector Name	InFocus 1080P																				
FW Version																					
System	A02																				
LAN	C07																				
LAN Status																					
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																				

[Logout](#)

Admin > Projector Control

System Status	Power On Power Off Resync Next Source		
General Setup	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		
Projector Control			
Network Setup			
Alert Setup			
Crestron			
Reset to Default			
Reboot System			



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 unsupported aspect ratio, projector will do nothing and the web will show the aspect ratio same with OSD.

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

[Logout](#)

Admin > Network Setup

IP Setup	DHCP ☐ On ☒ 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 ☐ Fan Error	
	☐ High Temp Warning ☐ Light Source Error	
	☒ Alert Mail Notification	
	SMTP Setting	
	SMTP Server	
	From	
	Username	
	Password	
	Email Setting	
	Mail Subject	
Mail Content		
To		
Apply Send Test Mail		

USING THE ON SCREEN DISPLAY (OSD)

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

Upload File

FITC Registration URL

FITC Registration Port

443

Off-line

Auto Discovery

Enable

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

Upload File

FITC Registration URL

FITC Registration Port

443

Off-line

Auto Discovery

Enable

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

☒ Enable ☐ Disable

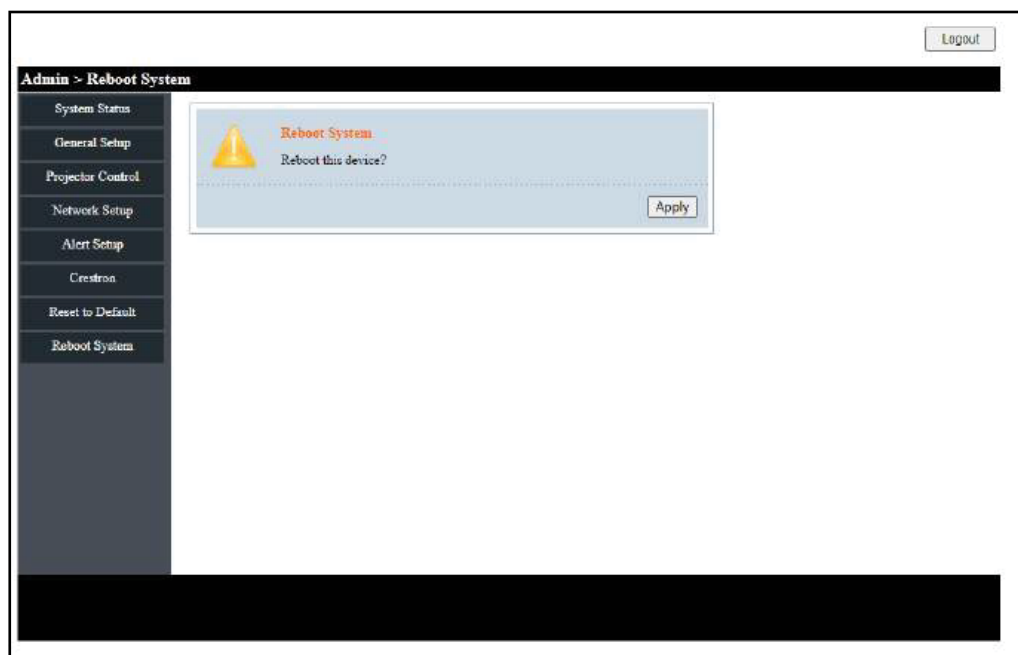
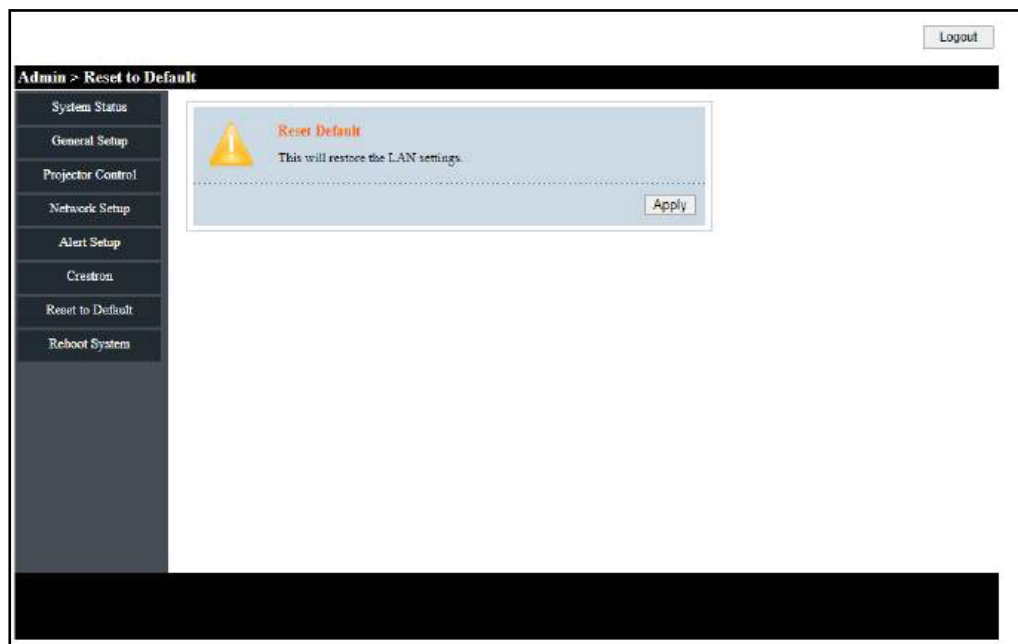
NTP Server

time.nist.gov

Time Zone

+8

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.



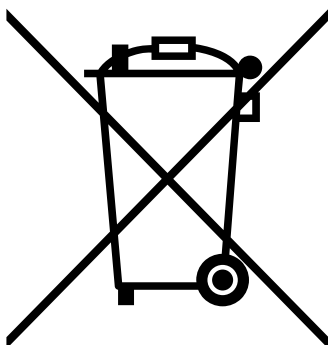
INFORMATION

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
Image has slanted sides	Projector is not positioned perpendicularly to the screen.	Ensure the projector is centered on the screen and below the bottom of the screen
Image has slanted sides	Keystone is not set correctly.	Press the keystone + or – buttons to adjust the image alignment.
Image is too small or too large.	Projector is too far from or too close to the screen.	Move the projector
Image is too small or too large.	The zoom is not set correctly.	Press the Zoom + or – buttons to adjust the zoom.
Image is too dark	ECO mode is enabled	Check if the projector is in the Forced ECO mode because the ambient temperature is too high.
Image is blurry	Focus is not set correctly.	Use the focus ring to adjust the focus.
Image is blurry	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.
Image is blurry	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.
Image is scrolling or flickering.	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
Video is frozen	The Freeze button has been pressed.	Press the Freeze button on the remote to unfreeze the video.
Video is stretched	16:9 (wide) source is setup incorrectly.	Ensure the source is set to use the 16:9 (wide) display format.
Video is stretched	Letterbox (LBX) source is setup incorrectly.	Use the On Screen Display (OSD) menu to set the aspect ratio to LBX.
Video is stretched	4:3 source is setup incorrectly.	Use the On Screen Display (OSD) menu to set the aspect ratio to 4:3.
No audio	Projector is muted.	Press the Mute button to unmute the projector.
No audio	Volume setting is too low.	Press the volume + button to increase the volume.
No audio	Source cable is not connected.	Ensure the source cable is securely connected to the projector and source device.
No audio	Source is muted.	Ensure the source has not been muted.
Remote does not work.	Batteries expired.	Install new batteries.
Remote does not work.	Batteries installed incorrectly.	Remove and reinstall the batteries.
Remote does not work.	Remote is too far from projector.	The remote should be within 16.4 feet (5m) of the projector.
Remote does not work.	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	
	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	Top-and-Bottom	TAB mode is on
		1920 x 1080i @50Hz		
		1920 x 1080i @60Hz		
		1280 x 720P @50Hz		
		1280 x 720P @60Hz		
		800 x 600 @60Hz		
		1024 x 768 @60Hz		
		1280 x 800 @60Hz	Frame sequential	3D format is Frame sequential
		1024 x 768 @120Hz		
		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:
WXGA				
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	
1080P				
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:
WXGA				
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				
1080P				
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
					21:9
	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
IMAGE		
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	
LENS		
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	
CONNECTIVITY—INPUTS		
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	✔	
CONNECTIVITY – OUTPUTS		
Mini D-sub 15-pin (VGA)	-	
3.5 mm Stereo Mini Jack	✔	
Powered USB-A for Wireless Dongle	✔	
CONNECTIVITY - OTHER		
RS232	✔	
All Major 3D Formats	✔	
USB-A for Service	✔	
POWER		
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	
GENERAL		
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	
IN THE BOX		
Projector	✔	✔
Simiplified Users Guide	✔	✔
HDMI Cable	✔	✔
Regional Power Cord	✔	✔
Remote Control (no Battery)	✔	✔

14.2 NEMESIS II, P127 & P128, SPECIFICATIONS

	IN1026SL	IN1028SL	IN1026ST	IN1028ST
IMAGE				
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			
LENS				
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			
CONNECTIVITY—INPUTS				
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	✓			
CONNECTIVITY—OUTPUTS				
Mini D-sub 15-pin (VGA)	—			
3.5 mm Stereo Mini Jack	✓			
Powered USB-A for Wireless Dongle	✓			

	IN1026SL	IN1028SL	IN1026ST	IN1028ST
CONNECTIVITY- OTHER				
RS232			✓	
All Major 3D Formats			✓	
USB-A for Service			✓	
POWER				
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			
GENERAL				
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			
IN THE BOX				
Projector	✓	✓	✓	✓
Simiplified 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 KINGDON 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 natational 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.

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