

Specifications

Model	SNP-LU65KC	SNP-LU75KC	SNP-LU86KC	SNP-LU100KC	
Main Parameters	Projection System				
	DLP®Chipx1, DLP Projection System				
	Chip Size				
	0.67"DMD				
	Resolution				
1,920x1,200, compatible 4K					
Light Source	Brightness*1	6,700lm(Center)	7,700lm(Center)	8,800lm(Center)	
	Uniformity*2	90%			
	Contrast*2	3,000,000:1			
	Type	MCL Laser Diode Module			
Lenses	Lifetime*3	20,000H(Standard Mode), 30,000H(Eco Mode)			
	Optional Lenses	0.75-0.95:1/0.95-1.22:1/1.22-1.52:1/1.53-2.92:1/2.9-5.5:1			
	Image Shift*4	V: ±110%, H: ±50%	V: ±100%, H: ±30%		
Input	Operation Mode	Electric Focus/Zoom/Shift			
	Keystone	H: ±30 / V: ±40			
	Color Clibration	HSG Color Management System			
	3D	Active 3D			
	Installation	Horizontal/Vertical 720° Installation			
	Speaker	10Wx1	10Wx2		
	Output	HDMI x2 (V2.0 compatible 4K support HDCP*5)			
		HDBaseT*6x1			
		3D-Syncx1			
		Audiox1 (3.5mm)			
		Wired IRx1 (3.5mm for wired remote control)			
		RJ45x1 (network control)			
	Power Supply	RS232(D-sub 9pin)x1			
		3D-Sync x1			
USB-Ax1(DC5V)					
12V flip-flop (3.5mm) x1					
Power Consumption	330W±15%	405W±15%	460W±15%	505W±15%	
Size	486mm(L) x 376mm(W) x 181mm(H)				
N.W.	10.5kg	11.5kg	12kg	12kg	
G.W.	14kg	15kg	15.5kg	15.5kg	
Noise	30dB(Standard) / 25dB(Eco)	30dB(Standard) / 25dB(Eco)	34dB(Standard) / 25dB(Eco)	36dB(Standard) / 27dB(Eco)	
Protection Level	IP5X				
Working Environment*7	Altitude	0-2,500m(switch to high altitude mode when altitude over 1,500m)			
	Temperature	0~40°C			
	Humidity	10%-85%, no condensation			
Accessories	Remote Control x1, Power Cable x1				

Remark:

- The light output value is measured in the center of projected screen. Average value.
- Base on ISO/IEC 21118:2020 Standard.
- Energy-saving mode under the condition of simulated acceleration test, non-commitment warranty time. The brightness of the light source will gradually decrease with the increase of the use time, and factors such as the operate environment and different operation techniques will also cause the rapid decay of the life of the light source.
- Using the A06 standard lens measurement, different specifications of the lens slightly different. Lens shift accuracy: 0.5 pixels per step. Lens shift measurement used for standard lenses, which vary slightly from lens to lens.
- HDCP Protocol (High-bandwidth Digital Content Protection). High bandwidth digital content protection technology. HDMI2.0 supports up to 3840x2160@60Hz resolution format, and HDCP protection protocol supports 1.4/2.2.

- HDBaseT Trademark from HDBaseT alliance.
- If the projector is used at a high altitude, and the ambient temperature exceeds 35 °C; The service life of optical components may be decreased. It is recommended to keep the temperature as low as possible. If the altitude over 1,500m, the system will operate in the range from 0-35 °C to ensure the normal operation of the projector. The power of the light source will be reduced due to the high ambient temperature(over 35 °C), noise of the projector will be increased.

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Sonnoc

DLP Laser Projectors

SNP-LU65KC / SNP-LU75KC / SNP-LU86KC / SNP-100KC



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液晶激光投影机



Compatible 4K



Support 3D



DLP System



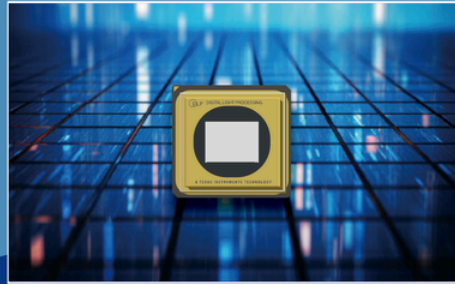
MCL Laser Diode



Optional Lenses

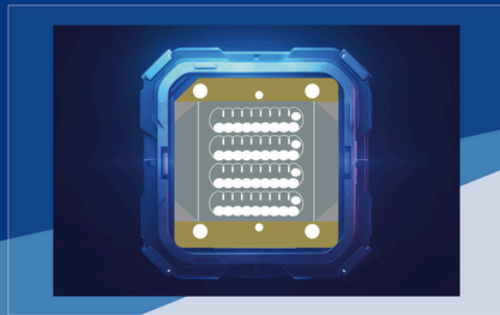
DLP Technology

DLP Technology centers on digital micromirror components (DMD), each DMD micromirror chip contains millions of individually controlled micromirrors and built into the associated CMOS memory unit, through high-speed, efficient, and reliable spatial light to display high quality image.



Light Source

MCL laser diode module has excellent high reproducibility and excellent light collection performance, keep stable highlight output. Built-in light source backup technology ensure stable image display even if one of the light sources stop working.



Color Performance

Center brightness 6,700lm~10,700lm, compatible 4,096*2,160 resolution and support HDR&dynamic contrast range settings, which not only ensure the brightness but image quality.

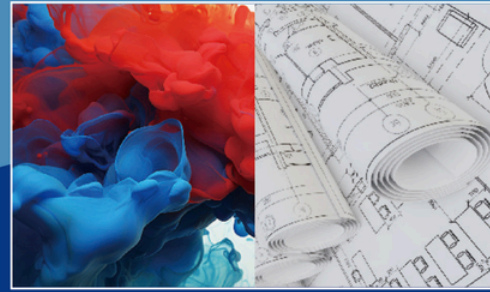


Color Management System

HSG color management system can independently adjust the R/G/B/C/Y/M/W color components to change the color of the display image. By adjusting the color to obtain color consistency output, solve the display color difference problem after multiple projectors fusion.

Display Capability

The high-speed reflection characteristics of DMD micromirrors make DLP display technology stand out and consistently delivers bright and colorful images and clear text content.



Stable Operation

The advantages of compact lightweight design and ultra-quiet operation meet more application environments, The MCL laser diode module has a service lifetime up to 30,000 hours (simulation test, not warranty time) and supports all weather 7x24 hours continuous operation.



Colorimetric Optimization

Factory completed color calibration solve the problem of inconsistent color performance when multiple projectors blending. Color station difference maintained <0.0050.



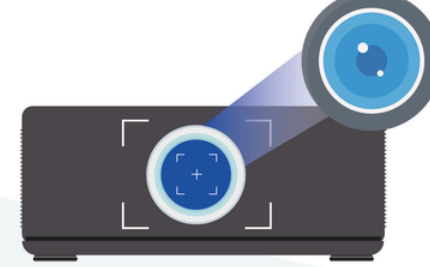
High Refresh Rate Display

Support 4,096*2,160/60Hz which ensure the response speed of dynamic image display, support a full series of 3D format screen display and multiple devices linkage to achieving 3D system construction.



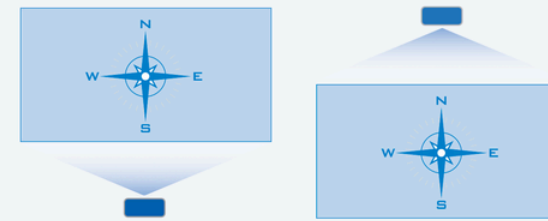
Optional Lenses

The full range of lenses support electric displacement, zoom and focusing operation, and can store 5 kinds of memory images location data, support local and remote data reading to achieve scene switching, and support lens lock function to prevent operation from unauthorized persons.



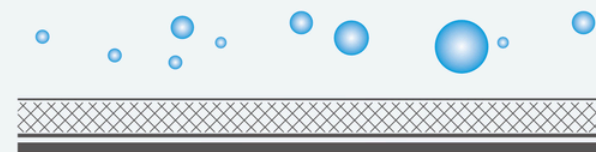
Quick Installation

720° Installation and equipped with multiple lenses to meet more applications. The dispatch central management system supports a custom date/time power on&off. The rental function is designed to customize the operation time, ensure the service of the operator.



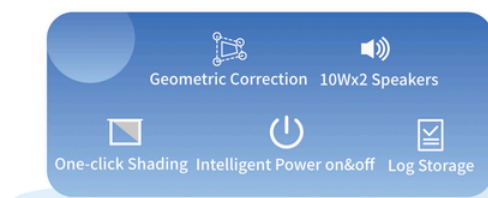
Dust Proof Design

IP5X protection level which efficiently prevent dust from invading the interior and ensure stable operation.



Other Functions

Built-in multi-point geometry correction and keystone can be set to change the picture graphics.
HDMI port supports sound transmission, 10Wx2 speakers.
The 1-click shading function supports quick start and wake up the screen within 0.05 seconds.
Intelligent power on&off (customize off time), directly power on, the signal source is activated and starts running.
When the projector is running, it has the function of log storage and data storage, and it can be read and collected by software.



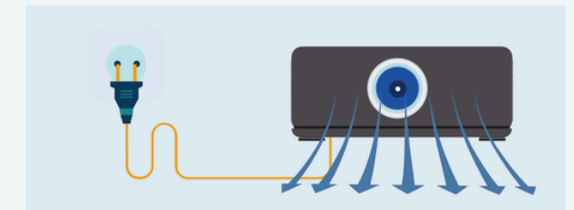
HDBaseT Port

HDBaseT port compatible with network, video, audio, control protocols, port chrominance support 4:4:4, 4:2:2, 4:2:0, this unique design achieves a network cable within 100 meters distance to complete the transmission signal display and network remote control.



Easy Maintenance

Low energy and low power design with reasonable operating power consumption to obtain more light efficiency. In order to solve the problem of upward heat transmission in the hoisting mode of the projector, the intelligent air-cooling system is designed at the bottom which can quickly extract internal heat to ensure stable operation and reduce equipment maintenance.



Security Setting

Password protection function ensure that the projector can not be used without password. The rental function can customize the running time of the projector by month/day/hour, projector-related functions are not available after the date expires.



Eye Protection

The display mode support eye protection, the blue light output can be reduced after eye protection model turn on which eases the eyes fatigue or injury.

