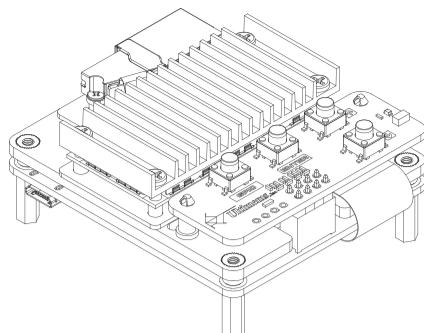


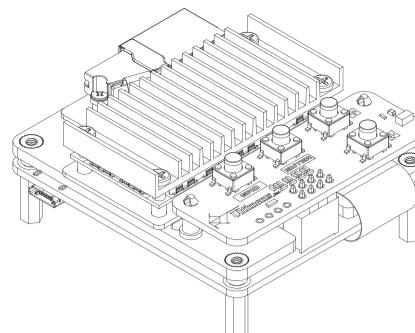
NEBRA ANYBEAM Projector HAT



LSP : Laser Scanning Projection

Rev.A01 194

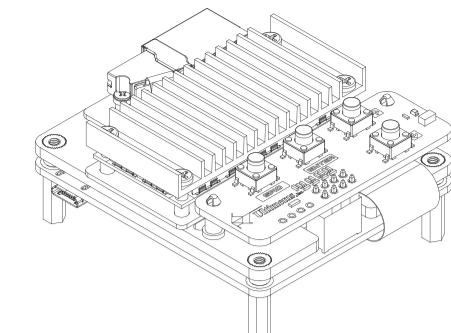
NEBRA ANYBEAM Projector HAT



LSP : Laser Scanning Projection

Rev.A01 194

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Rev.A01 194

PRECAUTIONS FOR USE:

- Do not drop, throw or try to bend LSP display module.
- Do not expose LSP display module to water or heat sources.
- Do not use near a strong magnetic field.
- Ensure that the ambient room temperature is within 0°C ~ 35°C.

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SAFETY PRECAUTIONS:

• LSP display module is a Class 1 Laser Product (IEC/EN 60825-1:2014)

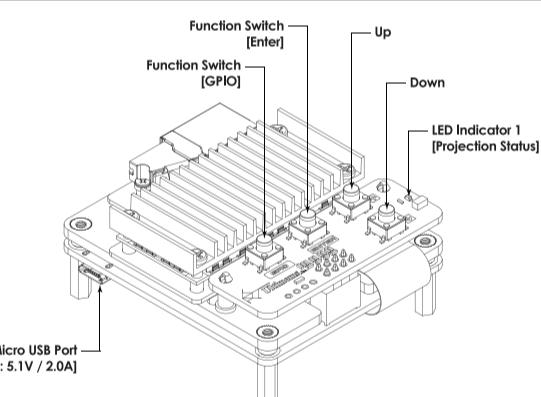
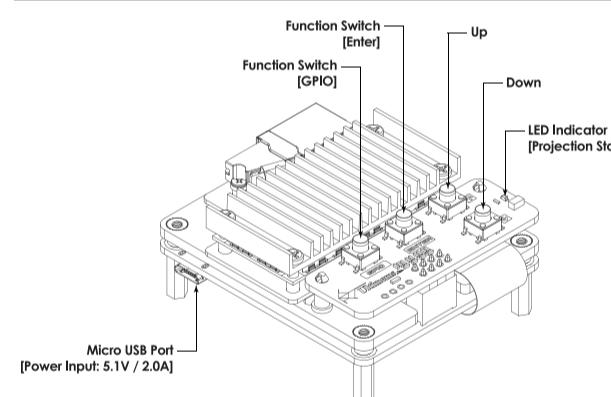
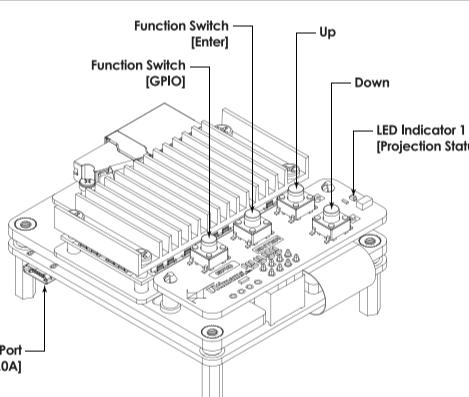
• Beware - The laser beam can cause eye injury so please do not look directly at the beam.



Laser Color	Green		Red		Blue	
Max. CW Output	80 mW		120 mW		80 mW	
Wave Length	515 nm	530 nm	632 nm	642 nm	440 nm	460 nm

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LED Indicator	Status
Indicator 1 ON	Normal operation, power is connected
Indicator 1 Flashing	Abnormal operation, please refer to the "Nebra AnyBeam HAT User Guide"

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FEATURES:

Model	HD301D1-R1
Imaging Technology	MEMS Mirror 2D Scanning
Native Resolution	720P / 60fps
Brightness	23±10% ANSI Lumen
Contrast	80.000 : 1
Color Gamut	>150%
Throw Ratio	<1.3
Focus Mode	Free Focus
Input	Supported the Raspberry Pi DPI output in RGB888 mode
Voltage / Current	DC 5.1V / 2.0A (Please refer to the "Nebra AnyBeam HAT User Guide")
Operating Temperature	0°C ~ 35°C @50% white chart
Size	56.0 x 70.0 x 31.8 mm
Weight	Approx. 72.0±10% gram

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CAUTION:

If you experience a problem with your projector, please refer to "Nebra AnyBeam HAT User Guide" troubleshooting. If a problem persists, please contact Nebra.

Please provide following information when customer return for maintenance.

- (i) a copy of original purchase invoice to verify your warranty
- (ii) a product serial number
- (iii) a description of the problem
- (iv) customer's name, address and telephone number

No warranty is offered if the barcode label damaged, disassembly module (include remove the heat sink screws) and damaged by external force.

Within 10 days of the product purchase date you may return products if you found any quality issue of our product. Products must be returned in their original condition and packaging with all included parts.

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