

Clearhold
Heated Laser Scanner Holder

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Clearhold eliminates the “Fogging” and “Condensation” on the laser scanner lens caused by temperature and humidity changes. The JLC heated scanner holder is used extensively throughout the rugged refrigerated warehouse and food production industries. The thermostatically controlled heated holder has proven itself as a reliable solution to the issues of hand held laser scanning. Scratched lenses, damaged scanners and fogged lenses are all expensive problems that are minimized if not completely eliminated with **Clearhold** heated laser scanner holders.

In any type of application where the lens is likely fog, the laser scanner will be rendered virtually useless without protection. It is in exactly this type of environment, with the scanner gun moving back and forth from -25°F to $+110^{\circ}\text{F}$, that **Clearhold** was developed and tested.

Clearhold will insure “good reads” in the harsh environments where rapid or extreme temperature changes occur such as traveling from a refrigerated or frozen storage area to a loading dock, from an air-conditioned warehouse to outdoors, or any place where condensation is likely to occur on the scanner lens.

The **Clearhold** ABS housing with the fully adjustable anodized aluminum mounting bracket will withstand years of heavy industrial use. The **Clearhold** heater is available in 12, 24, 36/48 volt models and is now custom-fitted for the Zebra 3600 series laser scanners. Installation is quick and easy.

Clearhold will protect your investment and save expensive repairs by preventing lens fogging, condensation inside the scanner while securing the scanner itself from damage.



PRODUCT BULLETIN

Clearhold

Heated Laser Scanner Holder

Product Specifications

Part Number	Description	Compatibility
521-12-Z3	Heated Scanner Holder, 12 Volt	Zebra 3600 Series
521-24-Z3	Heated Scanner Holder, 24 Volt	Zebra 3600 Series
521-3648-Z3	Heated Scanner Holder, 36-48 Volt	Zebra 3600 Series

Mechanical	
Dimensions	8 3/4 x 5 x 4 1/2" 22.2 x 12.7 x 11.2 cm
Mounting	Includes adjustable mounting bracket

Environmental	
Dust and Water	
Dust	Dust will not interfere with the product.
Water	Water splashed against the enclosure from any direction shall have no harmful effect.
Temperature Rating	Storage -40F - +160F -38C - +71C Operating -25F - +120F -31C - +49C
Fixed Mount Shock Rating	10 G

Specifications are subject to change without notice



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Electrical																																	
RoHS Compliant	REACH Compliant																																
Operating Voltage	12 - 48 Volt DC																																
Polarity	Independent, protected from reverse installations Overtemp protection fused at 250F (121C)																																
Indicators	Power On Green LED Heater On Red LED																																
Operating Current	With Heater On: <table border="0" style="margin-left: 20px;"> <tr> <td></td> <td><u>24V</u></td> <td><u>36V</u></td> <td><u>48V</u></td> </tr> <tr> <td>Amps</td> <td>1.6</td> <td>.76</td> <td>1.02</td> </tr> <tr> <td>Temp On</td> <td>140F</td> <td>140F</td> <td>140F</td> </tr> <tr> <td></td> <td>60C</td> <td>60C</td> <td>60C</td> </tr> </table> With Heater Off: <table border="0" style="margin-left: 20px;"> <tr> <td></td> <td><u>24V</u></td> <td><u>36V</u></td> <td><u>48V</u></td> </tr> <tr> <td>Amps</td> <td>.1</td> <td>.1</td> <td>.1</td> </tr> <tr> <td>Temps Off</td> <td>165F</td> <td>165F</td> <td>165F</td> </tr> <tr> <td></td> <td>74C</td> <td>74C</td> <td>74C</td> </tr> </table>		<u>24V</u>	<u>36V</u>	<u>48V</u>	Amps	1.6	.76	1.02	Temp On	140F	140F	140F		60C	60C	60C		<u>24V</u>	<u>36V</u>	<u>48V</u>	Amps	.1	.1	.1	Temps Off	165F	165F	165F		74C	74C	74C
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Warranty	
Standard	The factory warranty is one (1) year limited parts and labor.

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