

**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  $-25^{\circ}\text{F}$  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 Honeywell 19xx 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-H3	Heated Scanner Holder, 12 Volt	Honeywell 1900 Series
521-24-H3	Heated Scanner Holder, 24 Volt	Honeywell 1900 Series
521-3648-H3	Heated Scanner Holder, 36-48 Volt	Honeywell 1900 Series

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

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

Specifications are subject to change without notice

**Product Specifications**

<b>Electrical</b>																																	
<b>RoHS Compliant</b>	<b>REACH Compliant</b>																																
<b>Operating Voltage</b>	12 - 48 Volt DC																																
<b>Polarity</b>	Independent, protected from reverse installations Overtemp protection fused at 250F (121C)																																
<b>Indicators</b>	Power On      Green LED Heater On      Red LED																																
<b>Operating Current</b>	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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<b>Warranty</b>	
<b>Standard</b>	The factory warranty is one (1) year limited parts and labor.

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