

 **ESCORT**<sup>®</sup>  
iMiniPlus  
DRY ICE LOGGER



**bsi.**

**Product Code: MP-OE-N-8-L (Multitrip)  
MP-ST-N-8-L (Single trip)**

[www.cryopak.com](http://www.cryopak.com)

- Designed for dry ice applications with large Multifunctional LCD Display
- External sensor only
- Advanced Multiple Alarm Settings
- Bookmarking & Continuous Logging Features
- Downloadable via a USB to Serial Port cable, no interface required
- Improved Accuracy, Resolution and Memory Capacity
- User-Friendly Multi-Language Software For Easy Programming And Download



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### iMiniPlus Dry Ice Specifications

<b>Product Code</b>	MP-OE-N-8-L (Multitrip) MP-ST-N-8-L (Single Trip)																		
<b>Range of measurement</b>	(-100°C to +40°C) -148°F to +104°F																		
<b>Device Operating range</b>	(-40°C to +70°C) -40°F to +158°F																		
<b>LCD Operating Range</b>	(-20°C to +70°C) -4°F to +158°F																		
<b>Sensors</b>	External sensor only																		
<b>Accuracy</b>	<table border="0"> <tr> <td>Celsius</td> <td>from -100 °C to -80 °C</td> <td>±1.0 °C</td> </tr> <tr> <td></td> <td>from -80 °C to -50°C</td> <td>±0.7°C</td> </tr> <tr> <td></td> <td>from -50 °C to +40 °C</td> <td>±0.6°C</td> </tr> <tr> <td>Fahrenheit</td> <td>from -148 °F to -112 °F</td> <td>±1.8°F</td> </tr> <tr> <td></td> <td>from -112 °F to -58 °F</td> <td>±1.3°F</td> </tr> <tr> <td></td> <td>from -58 °F to +104 °F</td> <td>±1.0°F</td> </tr> </table>	Celsius	from -100 °C to -80 °C	±1.0 °C		from -80 °C to -50°C	±0.7°C		from -50 °C to +40 °C	±0.6°C	Fahrenheit	from -148 °F to -112 °F	±1.8°F		from -112 °F to -58 °F	±1.3°F		from -58 °F to +104 °F	±1.0°F
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<b>Resolution</b>	0.1°C or 0.1 °F																		
<b>Sensor response time</b>	External Sensor – T90 of 5 minutes in moving air																		
<b>Memory Options</b>	8032 readings																		
<b>Software</b>	ESCORT Console																		
<b>Sampling Frequency</b>	5 seconds – 18hours																		
<b>Time and date</b>	Real time clock accurate to ±1minute per month																		
<b>Security</b>	Password protected (programmable using Escort Console software)																		
<b>Power Source</b>	User replaceable lithium battery 3V coin cell																		
<b>IP Rating</b>	IP65 (with DB9 cap on)																		
<b>Size</b>	83 x 57 x 17mm (excluding lug and external sensor)																		
<b>Weight</b>	70 grams (including battery)																		
<b>Case Material</b>	Polycarbonate/ABS																		
<b>Storage Temperature</b>	-40°C to +70°C (-40°F to 158°F)																		
<b>Typical battery life</b>	1-2 years operating (depending on usage)																		
<b>Buttons</b>	Start & Stop button																		
<b>Warranty</b>	24 months, excluding battery																		



LCD displays the lowest recorded reading for the current trip



LCD displays the average recorded reading for the current trip



LCD displays the time above the specified high alarm setting for the current trip



LCD displays the time below the specified low alarm setting for the current trip



Only external sensor can be in direct contact with dry ice but electronics can not be exposed to temperatures outside of the device operating range. The Mini Family range of loggers requires a DB9 to USB cable and drivers for the loggers to communicate with your PC and Console software. Whereas off the shelf drivers and converter cables can be used, the drivers can be complex to install. Therefore we recommend you to purchase the DB9 – RS232 Cable and Drivers.