

**SAFETY GUIDELINES**

**SR4000 PRODUCT LINE (SR40XX)**

## 1 CONTENT

This document describes all the safety related recommendations that customers have to observe when using one of our products.

## 2 SCOPE

The present safety recommendations, unless modified or completed by a written agreement, fully apply to all our products. This in particular includes standard products as well as customer specific products.

## 3 SAFETY RECOMMENDATIONS

Topic	Recommendations
<p><b>Electrical safety</b></p>	<p>Only adequately qualified personnel is allowed to install the camera</p> <p>Only the standard power supply provided by MESA may be used with the camera.</p> <p>Another power supply might only be designed and installed by adequately qualified personnel. In this case, following applies:</p> <ul style="list-style-type: none"> <li>• The power supply isolation from the ground voltage must be redundant (i.e. double isolated power supply).</li> <li>• The power supply must be conform to Chapter 2.5 of EN60950-1:2006 to ensure fire safety.</li> <li>• Wire cross-sections and their correct fuse protection as per the applicable standards must be implemented.</li> <li>• All notices from the product specifications document and from the product manual have to be observed</li> <li>• MESA cannot be made responsible for any injuries resulting from a faulty power supply design.</li> </ul> <p>It must be ensured that no significant electrical grounding potential difference might appear between the camera and the network/power supply. This is particular true for cameras connected to Ethernet networks that span over different physical buildings.</p> <p>Observe the current safety regulations when working on electrical systems.</p> <p>Do not open the housing.</p>
<p><b>Eye Safety</b></p>	<p>Pay attention to the laser safety regulations as per EN 60825-1 (latest version).</p> <p>Eye safety is only certified for cameras that are used in normal operation conditions. In particular, cameras should never be supplied with voltages exceeding those stated in the product specification document or in the product manual.</p>

Topic	Recommendations
Fire Safety	In the case that a camera is used without the power supply provided by MESA, the user is responsible to guarantee that the alternative power supply conforms to Chapter 2.5 of EN60950-1:2006.
General Safety Instructions	<p>It is not allowed to open the camera</p> <p>It is not allowed to make modifications on the camera hardware</p> <p>The camera might only be installed by people with appropriate technical knowledge. This is in particular true for the electrical installation of the camera</p> <p>The camera has to be installed and used according to all the safety regulation in place in the specific country where the camera is used</p>

#### 4 LIABILITY IN CASE OF INJURIES

MESA cannot be made responsible for any injuries resulting from not applying the safety recommendations described above.