Lantern
UV Disinfection System

Rapid Disinfection for EMS Vehicles
Portable UV Disinfection System

The Lantern UV Disinfection System is an easily transportable UV-C generator with emphasis on use within emergency response vehicles. It is used to provide a rapid and highly effective method to disinfect surfaces and components to reduce the transfer of dangerous organisms.

The Lantern provides a chemical free method of disinfection, leaving vehicles safe to enter immediately after use.

### Time required for 99% reduction*

<table>
<thead>
<tr>
<th>Organism</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacillus anthracis</td>
<td>1 min</td>
</tr>
<tr>
<td>Escherichia coli</td>
<td>1 min</td>
</tr>
<tr>
<td>Klebsiella pneumoniae</td>
<td>2 min</td>
</tr>
<tr>
<td>Mycobacterium tuberculosis</td>
<td>2 min</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>2 min</td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>1 min</td>
</tr>
<tr>
<td>Hepatitis A</td>
<td>2 min</td>
</tr>
<tr>
<td>Influenza</td>
<td>1 min</td>
</tr>
<tr>
<td>Poliovirus 1</td>
<td>2 min</td>
</tr>
</tbody>
</table>

*within 4 ft distance

UV Light is proven effective against viruses, bacteria, molds and spores. The Lantern produces an efficient UV-C output of 150 µW/cm² to get a calculated 99% reduction of MRSA in 1 minute and spores like Clostridium difficile in 6 minutes within a 4 ft distance.

### Specs
- **Size:** 10” W x 10” D x 14” H
- **Weight:** 10 lbs
- **Power:** 115-227 VAC, 4 Amps
- **Bulbs:** 9000 hour lifespan
Features

- Lightweight, easily portable and easily storable
- The Lantern can be used in both the upright and inverted positions such that it can be hung from railings or hooks.
- Easily operated with minimal training
- Programmable delay timer allows you to set the amount of time between when the start button is pressed and the UV-C bulbs are turned on for added safety.
- Contains 4 protected UV-C bulbs to provide increased disinfection coverage of items and surfaces
- UV-C output of over 22 μW/cm² at 10ft.
- UV-C output of over 150 μW/cm² at 4ft.
- Programmable exposure timer allows you to set the amount of time that the UV-C bulbs are kept on.
Effective against viruses, bacteria, fungi and spores within emergency vehicles as well as rooms and offices.

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UV Disinfection System

Reliable. Durable. Easy to Use.
High-level disinfection without the high-level pricetag

ClorDiSys
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