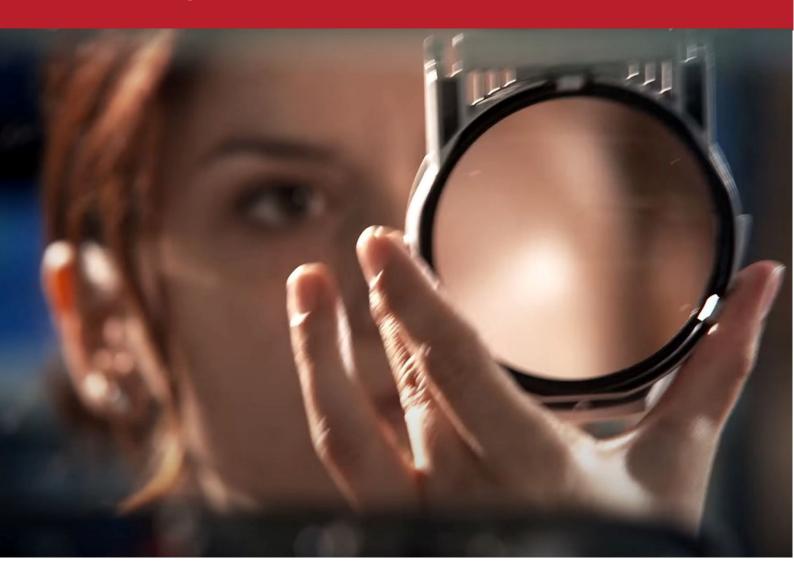# Cleaning instructions for WolfVision systems

Introduction

With concerns over the SARS-CoV-2 virus and COVID-19 disease, also known as Coronavirus, currently spreading worldwide, WolfVision would like to provide its customers with additional information for effectively cleaning WolfVision devices.

This document summarises general decontamination recommendations, but it is not meant to replace medical or professional advice. WolfVision shall not be held responsible for, and makes no representation as to the suitability or effectiveness of any decontamination method and/or disinfectant mentioned in this document.

Cleaning Guidance for WolfVision Visualizer & Cynap family systems

WolfVision notes that The Center for Disease Control and Prevention (CDC) recommends cleaning surfaces, followed by disinfection as best practice for prevention of coronavirus and other viral respiratory illnesses.

A CDC-recommended disinfectant is an alcohol solution consisting of 70% isopropyl alcohol and 30% water. Please follow the steps below to use the CDC-recommended alcohol solution to clean high-touch, external surfaces of products.

> **Important note: Do not use an alcohol solution to clean camera and light lenses, including lamp coverings and mirrors of Portable Series Visualizers, and glass covers/sensor heads of Ceiling and Professional Series Visualizers.**

- Wear disposable gloves made of latex (or nitrile gloves if you are latex-sensitive) when cleaning and disinfecting surfaces.

- Turn off the device and disconnect AC power. Do not clean your WolfVision products while plugged in.

- Disconnect any external devices.

- Moisten a soft lint-free cloth with a mixture of 70% isopropyl alcohol / 30% water. Do not use fibrous materials, such as paper towels or toilet paper. The cloth should be moist, but not dripping wet.

- Do not spray any liquids directly onto the device.

- Gently wipe the moistened cloth on the surfaces to be cleaned. Do not allow any moisture to drip into areas like attached keyboards, screens or ports, because if moisture enters inside the product it can cause extensive damage.

- When cleaning a display screen or control panel, carefully wipe in one direction, moving from the top of the display to the bottom.

- Ensure surfaces are completely dry before powering on the device after cleaning.

- Gloves should be discarded after each cleaning. Hand should be washed after the gloves are removed.

- Instructions for Safe Handling of isopropyl alcohol
  - Avoid contact with skin, eyes, and clothing.
  - Keep away from heat and sources of ignition.
  - Use with adequate ventilation.
  - Store in a cool, well-ventilated place. Keep container tightly closed.
  - In the event of contact with isopropyl alcohol, wash skin with soap and water.

Many common household cleaners and disinfectants can damage WolfVision systems. Do not use bleach, peroxides, acetone, ammonia, ethyl alcohol, methylene chloride or any petroleum-based materials, such as gasoline, paint thinner, benzene or toluene. products.

Special instructions for cleaning camera and light lenses, including lamp coverings and mirrors of Portable Series Visualizers, and glass covers/sensor heads of Ceiling and Professional Series Visualizers.

- Wear disposable gloves, and use a clean, soft brush to gently brush away fine particles of dust or other debris.

- Apply a small amount of commercially available lens cleaner to a lens tissue/cleaning paper. With the moist cleaning paper, gently swirl over the lens surface, starting at the centre area of the lens and circling outward gradually until the entire lens surface is covered.

- Be sure to wash your hands thoroughly after cleaning and prior to operating the device.

- Do not spray or pour lens cleaner directly onto the lens surface.

- Do not use alcohol to clean Visualizer optical lenses or the other areas listed above

FAQ for Cleaning Your WolfVision product

Q: How can I clean my devices (except Visualizer lenses, glass covers etc.) to help prevent coronavirus?

A: You can clean your WolfVision devices using a CDC-recommended disinfectant that is comprised of 70% isopropyl alcohol and 30% water. To use the recommended alcohol solution to clean and disinfect high-touch, external surfaces, please follow the guidelines found in this document.

Q: How can I clean Visualizer lenses?

A: Use a clean, soft brush to gently brush away fine particles of dust or other debris, then apply a small amount of commercially available lens cleaner to a lens tissue/cleaning paper. Follow instructions above for more information.

Q: Can I use bleach or peroxides?

A: Wipes containing bleach and hydrogen peroxide should not be used to clean WolfVision products.

Q: What portions of my devices are safe to clean?

A: External components of your WolfVision product can be cleaned using the recommendations above, including ports, lenses, cables, attached keyboards, rubber, plastic, metal surfaces, LED displays and control panels. Please reference the cleaning guidelines above for more information.

Q: How often can I clean my device?

A: WolfVision recommends cleaning devices a maximum of 3-5 times per day. Excessive cleaning of devices can lead to potential wear on components. Customers may experience some visible changes to cosmetic finishes over time as a result of the cleaning techniques mentioned in this document.

The information contained in this document is subject to change without notice.