DISINFECTANT-READY HOUSING

Application Brief

> At Honeywell, we know that our healthcare products must be designed to withstand the regular cleaning protocol required to address the infection and disease control needs of the industry.

Non-healthcare data collection hardware is traditionally housed in amorphous plastics. These plastics, including polycarbonate/acrylonitrile-butadiene-styrene (PC/ABS), are usually chosen because they can be easily manufactured. Housings made of PC/ABS contain a loosely packed structure that makes it easier for chemicals to penetrate the plastic. Repeated use of chemical cleansers may cause discoloration, swelling, hardening and cracking of rubber and certain plastics after prolonged and repeated use. Cracks can also lead to hardware failure, which increases the total cost of ownership by causing increased downtime and repair/replacement costs.

Manufacturers are increasingly incorporating anti-bacterial or anti-microbial additives into healthcare products. This can give end users the impression that the products perform "better" than comparable products without this labeling, when in fact the CDC notes, "No evidence is available to suggest that use of these products will make consumers and patients healthier or prevent disease... No data supports the use of these items as part of a sound infection control strategy."

Honeywell was the first company in the barcode scanning industry to introduce disinfectant-ready housings (DRHs), a healthcare solution designed specifically to address this concern. DRHs are built to withstand frequent exposure to any of the recommended cleaning solutions, minimizing the risk of spreading infectious diseases.

CDW PEOPLE WHO GET IT

Honeywell

HOW TO CLEAN HONEYWELL DISINFECTANT-READY HEALTHCARE PRODUCTS

Providing patients with a safe environment for their care and recovery requires a commitment to hand hygiene and the proper cleaning of the equipment used by healthcare professionals. The remainder of this document will describe how to safely clean Honeywell disinfectant-ready mobile computers, docking cradles, barcode scanners and printers. As many harsh cleaning solutions can damage certain plastics, the following list of cleaning solutions are safe to use with Honeywell disinfectant-ready mobile computers and barcode scanners.

APPROVED CLEANING SOLUTIONS

Sani-Cloth® HB
Sani-Cloth Plus
Sani-Cloth Bleach
Super Sani-Cloth
Isopropyl Alcohol Wipes (70%)
CaviWipes™
Virex® 256
409® Glass and Surface Cleaner
Windex® Blue
Clorox® Bleach – 10%
Gentle dish soap and water

SAFE CLEANING PROCEDURE

Note: Please follow your organization's infection-control policies and instructions provided by the disinfectant chemical manufacturer to determine the frequency and duration with which the following cleaning procedure should be performed.

Ensure that the battery is properly locked into the unit to prevent liquid from entering the electronics.

Apply the approved cleaning solutions from the above list to a sterile cloth or use the wipes provided.

Wipe all surfaces of the Honeywell device with the moistened cloth or wipes for the time required by the disinfectant solution.

a. Avoid pooling the cleaning solution on any part of the product to prevent the liquid from gaining access to the inside of the device.

b. The display window, keyboard, triggers and connector areas require the most attention to avoid liquid entering the device.

c. Keep a dry sterile cloth ready to dry the device after cleaning.

Use a cotton-tipped swab to clean between the keys on the keyboard and in other recessed areas of the device.

The cradle contacts should be cleaned monthly with a cotton-tipped swab dipped in isopropyl alcohol to provide the ideal charger-to-battery contact.

CLEANING THE DISPLAY OR LENS AFTER DISINFECTING

After cleaning and disinfecting the Honeywell device, it is recommended that the display or lens area be cleaned with a glass cleaner to remove any streaking left from the previous cleaning process.

Lightly moisten a lint-free cloth with the approved glass cleaners found above.

Wipe the display or lens area of the device briefly and quickly wipe dry to remove streaks or spots.

For More Information
www.honeywellaidc.com/healthcare

Honeywell Safety and Productivity Solutions
9680 Old Bailes Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

THE FUTURE IS WHAT WE MAKE IT

—

Honeywell