

# HEALTHCARE DISINFECTANT- READY HOUSING

Cleaning Guide



Honeywell



**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.



# 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 healthcare mobile computers and barcode scanners.

## APPROVED CLEANING SOLUTIONS

MOBILE COMPUTERS AND SCANNERS FOR HEALTHCARE		
3% Hydrogen Peroxide and 97% Water Solution	Diversey™ D10 Concentrate Detergent Sanitizer	Peracetic Acid Solution 0.2%
91% Isopropyl Alcohol and 9% Water Solution	Ethyl Alcohol 54%-66v/v + N-Propanol 9% -1.1% v/v	Progressive Products WipesPlus®
Alcowipe®	Formula 409® Glass and Surface Cleaner	Sani Professional® Disinfecting Multi-Surface Wipes
Azowipe™	Gentle Dish Soap and Water	Sani-Cloth® AF3 Germicidal Disposable Wipe
Brulin™ Brutab 6S® Tablets	Isopropyl Alcohol 55%	Sani-Cloth Bleach Germicidal Disposable Wipe
Clinell® Universal Sanitising Wipes	Isopropyl Alcohol Wipes 70% (IPA 70)	Sani-Cloth HB Sani-Germicidal Disposable Wipe
Clorox® Bleach 10%	Medical Hydrogen Peroxide 3%	Sani-Cloth Plus Germicidal Disposable Cloth
Clorox Dispatch Hospital Cleaner Disinfectant Towels with Bleach	Medicinal Alcohol 75%	Sani-Hands® Instant Hand Sanitizing Wipes
Clorox Healthcare Bleach Germicidal Wipes	Medipal® Alcohol Wipes	Sodium Hypochlorite 0.55%
Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant Wipes	Metrex™ CaviCide™	Sodium Hypochlorite Solution 0.05% (500ppm)
Clorox Healthcare Hydrogen Peroxide Wipes	Metrex Cavicide 1	Spartan® Hepacide Quat® II
Clorox Healthcare Multi-Surface Quat Alcohol Wipes	Metrex CaviWipes™	Steris Coverage Plus Germicidal Surface Wipes
Dimension™ 256 Neutral Disinfectant Cleaner	Metrex CaviWipes1	Super Sani-Cloth Germicidal Wipe
Dimethyl Benzyl Ammonium Chlorides 0.125%	Oxivir® Tb Wipes	Viraguard®
Dimethyl Benzyl Ammonium Chlorides 0.14%	PDI Easy Screen® Cleaning Wipe	Virex® II 256 One-Step Disinfectant Cleaner
		Windex® Blue
HEALTHCARE SLEDS		
Clorox Bleach 10%	Isopropyl Alcohol Wipes 70% (IPA 70)	Sani-Cloth Plus Germicidal Disposable Cloth
Formula 409 Glass and Surface Cleaner	Metrex CaviWipes	Virex II 256 One-Step Disinfectant Cleaner
Gentle Dish Soap and Water	Sani-Cloth HB Sani-Germicidal Disposable Wipe	Windex Blue
DESKTOP PRINTERS FOR HEALTHCARE (PC23D AND PC45D)	PC23D DESKTOP PRINTERS FOR HEALTHCARE	PC45D DESKTOP PRINTERS FOR HEALTHCARE
10% Bleach (Sodium Hypochlorite 0.55%) and 90% Water Solution	Ammonium Chloride <10%	3% Hydrogen Peroxide and 97% Water Solution
Formula 409 Glass and Surface Cleaner	Ethylene Glycol	Clorox Dispatch Hospital Cleaner Disinfectant Towels with Bleach
Isopropyl Alcohol Wipes 70% (IPA 70)	Gentle Dish Soap and Water	Clorox Healthcare Bleach Germicidal Wipes
Sani-Cloth Bleach Germicidal Disposable Wipe	Metrex CaviWipes	Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant Wipes
Sani-Cloth HB Sani-Germicidal Disposable Wipe	PDI Alcohol Prep Pads	Diversey Dimension 256 Neutral Disinfectant Cleaner
Sani-Cloth Plus Germicidal Disposable Cloth	Spartan Super HDQ® L 10	Diversey Oxivir Tb Wipes
Sodium Hypochlorite <6%	Surgipath® Cloro-Wipe Towelette	Ethyl Alcohol 54%-66v/v + N-propanol 9% -1.1% v/v
Virex II 256 One -Step Disinfectant Cleaner	Viraguard	Isopropyl Alcohol 55%
Super Sani-Cloth Germicidal Wipe	Virex	Medical Alcohol 75%
	Windex Blue	Medical Hydrogen Peroxide 3%
		PDI Easy Screen Cleaning Wipe
		PDI Sani-Cloth AF3 Germicidal Disposable Wipe
		Peracetic Acid Solution 0.2%
		Sani-Hands® Instant Hand Sanitizing Wipes
		Sodium Hypochlorite Solution 0.05% (500PPM)

## 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.

## TO LEARN MORE ABOUT HONEYWELL SOLUTIONS

Customers are encouraged to consult their Honeywell product user guide for specific product information on use, care and maintenance.

To learn more about Honeywell Healthcare Solutions visit [sps.honeywell.com/us/en/industries/healthcare-life-sciences](https://sps.honeywell.com/us/en/industries/healthcare-life-sciences)

### For more information

[automation.honeywell.com](https://automation.honeywell.com)

### Honeywell Safety and Productivity Solutions

855 S Mint St  
Charlotte, NC 28202  
800-582-4263  
[www.honeywell.com](https://www.honeywell.com)

## PRODUCTS AVAILABLE WITH WHITE DISINFECTANT-READY HOUSING:



Xenon Ultra 1960h



Xenon Ultra 1962h  
Battery & Battery-Free



ScanPal™ EDA51 HC



CT50h



CT30 XP HC



CT40 HC, CT40 XP HC



Captuvo™ SL22h, SL42h



PC23d



PC45d



Xenon™ Extreme  
Performance 1950h



Xenon Extreme  
Performance 1952h



Xenon Extreme  
Performance 1952h  
Battery-Free