# HEALTHCARE
# DISINFECTANT-READY HOUSING
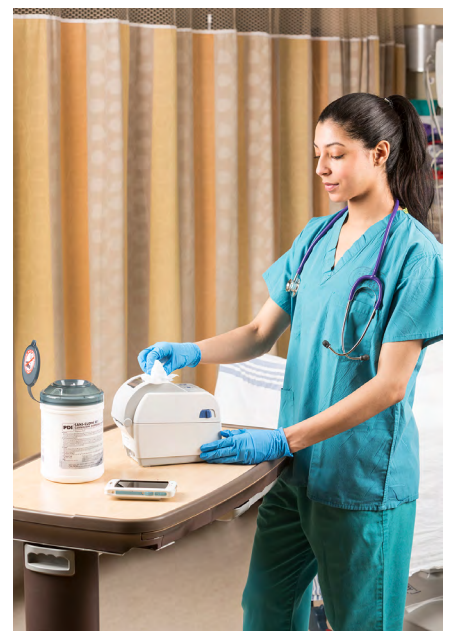
Cleaning Guide

**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, CT30 XP HC/CT37 HC CHARGERS, 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% -11% 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 Plus Germicidal Disposable Cloth |
| Clorox® Bleach 10% | Medical Hydrogen Peroxide 3% | Sani-Hands® Instant Hand Sanitizing Wipes |
| Clorox Dispatch Hospital Cleaner Disinfectant Towels with Bleach | Medicinal Alcohol 75% | Sodium Hypochlorite 0.55% |
| Clorox Healthcare Bleach Germicidal Wipes | Medipal® Alcohol Wipes | Sodium Hypochlorite Solution 0.05% (500ppm) |
| Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant Wipes | Metrex™ CaviCide™ | Spartan® Hepacide Quat® II |
| Clorox Healthcare Hydrogen Peroxide Wipes | Metrex Cavicide 1 | Steris Coverage Plus Germicidal Surface Wipes |
| Clorox Healthcare Multi-Surface Quat Alcohol Wipes | Metrex CaviWipes™ | Super Sani-Cloth Germicidal Wipe |
| Dimension™ 256 Neutral Disinfectant Cleaner | Metrex CaviWipes1 | Viraguard® |
| Dimethyl Benzyl Ammonium Chlorides 0.125% | Oxivir® Tb Wipes | Virex® II 256 One-Step Disinfectant Cleaner |
| Dimethyl Benzyl Ammonium Chlorides 0.14% | PDI Easy Screen® Cleaning Wipe | 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% -11% 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 us here.

**For more information**
automation.honeywell.com

**Honeywell Industrial Automation**
855 S Mint St
Charlotte, NC 28202
800-582-4263
www.honeywell.com

## PRODUCTS AVAILABLE WITH WHITE DISINFECTANT-READY HOUSING:
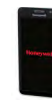


Xenon Ultra 1960h



Xenon Ultra 1962h
Battery & Battery-Free



ScanPal™ EDA51 HC



CT50h



CT30 XP HC



CT37 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

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