

# GENERAL PURPOSE DISINFECTANT-READY HOUSING DEVICES CLEANING GUIDE



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**Honeywell**



## **CLEANING GENERAL PURPOSE DISINFECTANT-READY HOUSING DEVICES**

**As our global community is preparing to get back to work, we all have a heightened sensitivity to bacteria and virus transmission.**

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Organizations whose employees use productivity devices in warehousing and DCs, retail, transportation and logistics, direct store delivery, healthcare and more are implementing safety protocols that affect millions of workers. Because many of these devices are shared from one shift to the next among workers, health experts recommend that organizations adopt protocols for routine cleaning and disinfecting of devices for employee health and safety.

In response, Honeywell is introducing a new family of Disinfectant-Ready Housings (DRH) devices for general purpose use. These devices are specifically designed to tolerate regular cleaning on a daily basis with harsh, disinfectant chemicals without any adverse damage or compromising the integrity of the device.

This guide provides advice and approved instructions on how to clean your Honeywell general purpose devices with disinfectant-ready housings.

## HOW ARE DEVICES WITH HONEYWELL DRHs DIFFERENT FROM THOSE WITH STANDARD HOUSINGS?

Let's take a closer look at some of the differences between non-disinfectant-ready housing and disinfectant-ready housing exteriors.

### Non-Disinfectant-Ready Device Housing

Non-disinfectant-ready housing 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 comprise a loosely packed structure that makes it easier for chemicals to penetrate the plastic. Repeated use of chemical cleansers may cause discoloration, swelling and hardening and cracking of rubber and certain plastics after prolonged and repeated use. These cracks can lead to hardware failure, which increases the total cost of ownership by increasing downtime and repair/replacement costs.

### Disinfectant-Ready Housings for General Purpose Devices

Honeywell was the first company in the barcode scanning industry to introduce disinfectant-ready housings. This is the same DRH that Honeywell used in its healthcare grade products. Honeywell DRHs for general purpose devices can stand up to the demands of cleaning protocols as a result of the heightened sensitivity.

Devices made with Honeywell DRHs have passed rigorous, continuous chemical exposure tests for over 500 hours. Honeywell DRHs are built to withstand multiple cleanings per hour, every day, with 34 approved cleaning solutions.

Honeywell general-purpose products with DRHs, in most cases, meet the same environmental performance and drop-and-tumble specifications as defined for non-DRH versions. Consult product datasheets for any exceptions.

## WHICH HONEYWELL GENERAL PURPOSE PRODUCTS ARE AVAILABLE WITH DRHs?

The Honeywell products with disinfectant-ready housings that are included in this cleaning guide include:

### Barcode Scanners

- Xenon™ XP 1950g
- Xenon™ XP 1952g-bf
- Voyager™ XP 1470g
- Voyager™ XP 1472g

### Mobile Printers

- RP2 Series

### Mobile Computers

- CT40 XP
- CT40
- CT60 XP
- CK65
- ScanPal™ EDA51

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CT40 XP and CT60 XP Mobile Computers with Disinfectant-Ready Housings.



Voyager XP and Xenon XP Scanners with Disinfectant-Ready Housings.



## WHAT ARE THE APPROVED CLEANING SOLUTIONS THAT CAN BE USED ON HONEYWELL GENERAL PURPOSE PRODUCTS WITH DRHs?

The following list of cleaning solutions may be used with Honeywell disinfectant-ready mobile computers, barcode scanners and mobile printers.

10% Bleach (Sodium Hypochlorite 0.55%) and 90% Water Solution	3% Hydrogen Peroxide and 97% Water Solution (3%)
Azowipe	Clorox Dispatch Hospital Cleaner Disinfectant Towels with Bleach
Clorox Formula 409 Glass and Surface Cleaner	Clorox Healthcare Bleach Germicidal Wipes
Clorox Healthcare Hydrogen Peroxide Cleaner Disinfectant Wipes	Clorox Healthcare Hydrogen Peroxide Wipes
Clorox Healthcare Multi-Surface Quat Alcohol Wipes	Dimethyl Benzyl Ammonium Chlorides 0.125%
Dimethyl Benzyl Ammonium Chlorides 0.14%	Diversey Dimension 256 Neutral Disinfectant Cleaner
Diversey Oxivir Tb Wipes	Diversey Virex II 256 One-Step Disinfectant Cleaner
Ethyl Alcohol 54%-66v/v + N-Propanol 9% -11% v/v	Isopropyl Alcohol 55%
Isopropyl Alcohol Wipes 70% (IPA 70)	Medical Hydrogen Peroxide 3%
Medicinal Alcohol 75%	Medipal Alcohol Wipes
PDI Easy Screen Cleaning Wipe	PDI Sani-Cloth AF3 Germicidal Disposable Wipe
PDI Sani-Cloth Bleach Germicidal Disposable Wipe	PDI Sani-Cloth HB Sani-Germicidal Disposable Wipe
PDI Sani-Cloth Plus Germicidal Disposable Cloth	PDI Super Sani-Cloth Germicidal Wipe
Peracetic Acid Solution 0.2%	Progressive Products Wipes Plus
Sani Professional Disinfecting Multi-Surface Wipes	Sani-Hands® Instant Hand Sanitizing Wipes
Sodium Hypochlorite 0.55% (Sani-Cloth Bleach)	Sodium Hypochlorite Solution 0.05% (500PPM)
Sterets Alcowipe	Veridien Viraguard

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## HOW SHOULD HONEYWELL GENERAL PURPOSE DEVICES WITH DRHs BE CLEANED?

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

### Cleaning instructions

1. Turn off the device.
2. Ensure that the battery is properly locked into the unit to prevent liquid from entering the electronics.
3. Apply the approved cleaning solutions from the above list to a sterile cloth or use the wipes provided.
4. **Do not** submerge the product in water or disinfectant cleaner; wipe outer surfaces only.
5. Wipe all plastic surfaces of the Honeywell device with the moistened cloth or wipes for the time required by the disinfectant solution.
  - **Do not** wipe or apply disinfectant chemicals to any electrical contacts, battery charge contacts or metal connectors, as these connectors may become corroded with repeated cleaning.
  - Avoid pooling the cleaning solution on any part of the product to prevent the liquid from gaining access to the inside of the device.
6. The display window, keyboard, triggers and connector areas require the most attention to avoid liquid entering the device.
7. Keep a dry sterile cloth ready to dry the device after cleaning.
6. Use a cotton-tipped swab to clean between the keys on the keyboard and in other recessed areas of the device.
7. The cradle contacts should be cleaned monthly with a cotton-tipped swab dipped in isopropyl alcohol to provide the ideal charger-to-battery contact.

## HOW SHOULD DEVICE DISPLAY OR LENS BE CLEANED AFTER DISINFECTING?

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

1. Lightly moisten a lint-free cloth with the approved glass cleaners included above.
2. Wipe the display or lens area of the device briefly and quickly wipe dry to remove streaks or spots.

## WHERE 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.

The following are links to learn more about Honeywell solutions.

1. **Honeywell Retail Solutions**  
<https://www.honeywellaidc.com/solutions/environment/retail>
2. **Honeywell DC and Warehouse Solutions**  
<https://www.honeywellaidc.com/solutions/environment/distribution-center>
3. **Honeywell Transportation and Logistics Solutions**  
<https://www.honeywellaidc.com/solutions/environment/transportation-logistics>
4. **Honeywell Healthcare Solutions**  
<https://www.honeywellaidc.com/solutions/environment/healthcare>
5. **Honeywell MarketPlace (Online App Marketplace)**  
<https://marketplace.honeywell.com/home>

**Contact a Honeywell Solutions Expert today! Call 1-800-934-3163.**

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### For more information

[www.honeywellaidc.com](http://www.honeywellaidc.com)

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