

**NONSTOP™**

*introducing*

# UV Station

The hotel industry is facing unprecedented challenges. Nonstop has been working to create solutions to help welcome guests back to your hotel.

UV Station is a next generation nightstand amenity that leverages the power of UV-C sterilizing technology to reduce the transmission of viruses and bacteria from guest to guest.



# Clean & Healthy

A clean guestroom has always been a top priority for guests. Now more than ever, hotels are investing in various cleanliness initiatives to make guests feel healthy, happy and comfortable when welcoming them back to their hotel.

UV Station is a key part of that strategy as it cleans two of the dirtiest items in the room - guests phones and the remote - in addition to various other high touch items.



## How dirty?



### Clean Remotes are Good for Everyone

Time Magazine found that the single dirtiest item in the hotel rooms was the remote, which delivered bacteria readings as high as 498 - 5 times the acceptable level.

5x



### Clean Phones are Good for Everyone

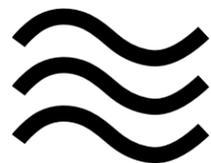
The typical mobile phone has over 25,000 bacteria \*\*per square inch. This is more bacteria than your kitchen counter, the doorknob, and most concerning - the toilet seat. \*\*

25K



NONSTOP™

# UV



## Clean Remotes are Good for Everyone

Time Magazine found that the single dirtiest item in the hotel rooms was the remote, which delivered bacteria readings as high as 498 - 5 times the acceptable level.



**Phones and more** Mobile phones and other personal devices are believed to be conduits for the transfer of bacteria and viruses. UV Station solves this problem in an effective, safe and reliable way.

# Charge

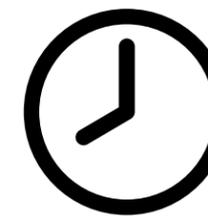


**Qi Wireless** The preferred method of charging for millions of guests around the world. With UV Station, a stand-up Qi pad puts the phone front and center while getting a charge.



**Universal USB** Two easy to locate USB ports means guests can charge up to 3 devices at once. The combination of wireless and USB charging can charge over 95% of devices that guests are traveling with.

# Clock



**Clock with dimmer** Clock with Dimmer: Guests appreciate being able to see the time at a glance. For those who don't want the clock, UV Station comes equipped with Lightsleeper™, which allows guests to turn off the display completely.



 UV Sanitizing Chamber

 Qi Wireless Charging

 Clock with Dimmer

 Universal USB Charging

# 3 in 1

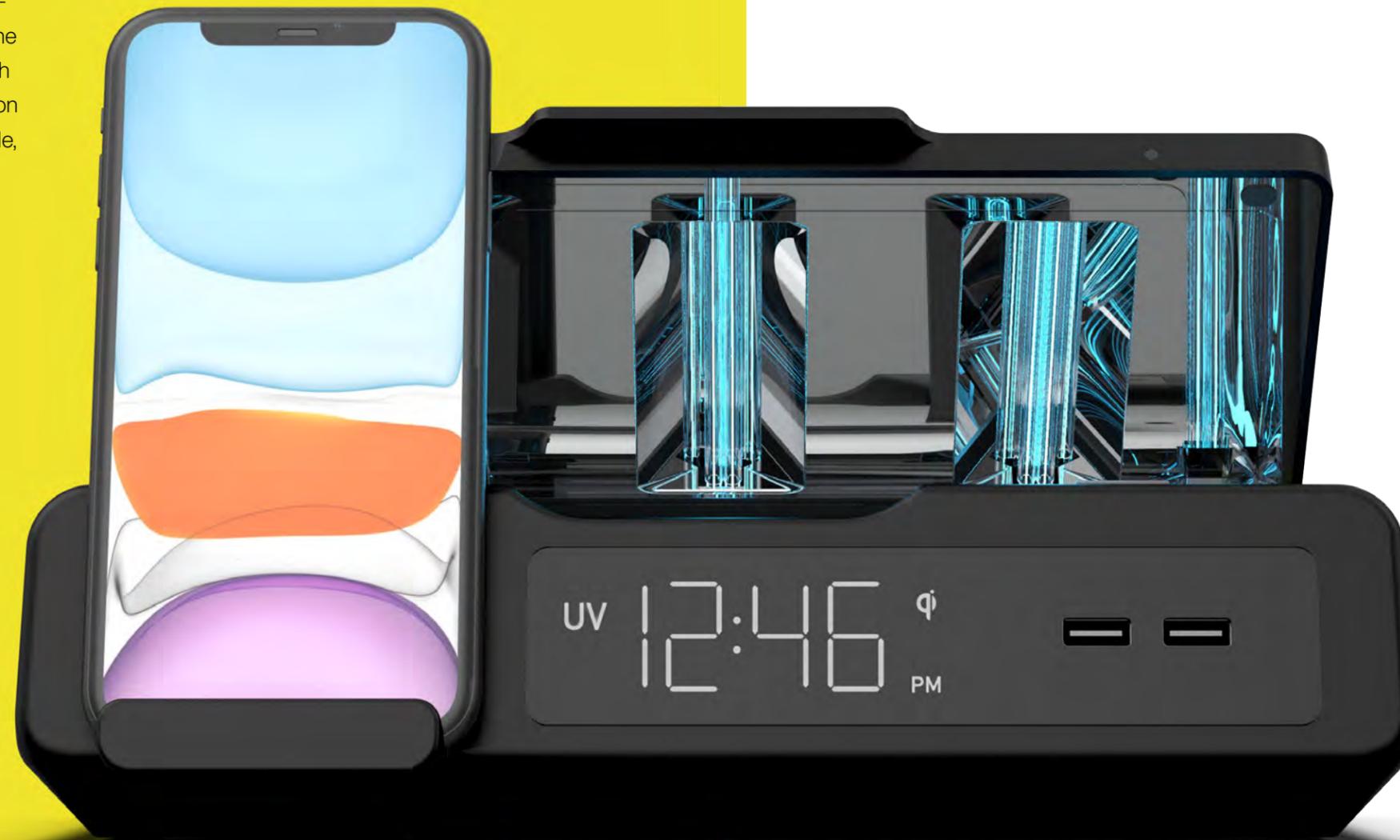
*Next generation  
nightstand tech*

**NONSTOP™**

*After a day's travel guests' phones are*

# Dead & Dirty

After a long day of traveling, guests often show up to their room with a phone that is low on battery and covered with germs. The modern nightstand solution will fix this problem by offering a simple, effective and reliable way to charge and clean guests' phones.



*Offer your guests*

# Qi & UV

The current landscape has made Mobile phones more important than ever as guests use them as room keys, to check-in, and as a gateway to different services the hotel provides. Savvy Hoteliers recognize this and will offer UV & Qi to keep guests healthy and make them feel happy.

*Who has Qi?*

**90%**  
*of guests*

**>1B**  
*Qi devices*

**NONSTOP™**

# Where it shines

Designed as a hospitality grade solution, UV Station utilizes 6 UV-C bulbs and has reflective coating on the interior to ensure equal light dispersion. Additionally, there is a translucent quartz plate at the bottom, eliminating the need to turn the device over.

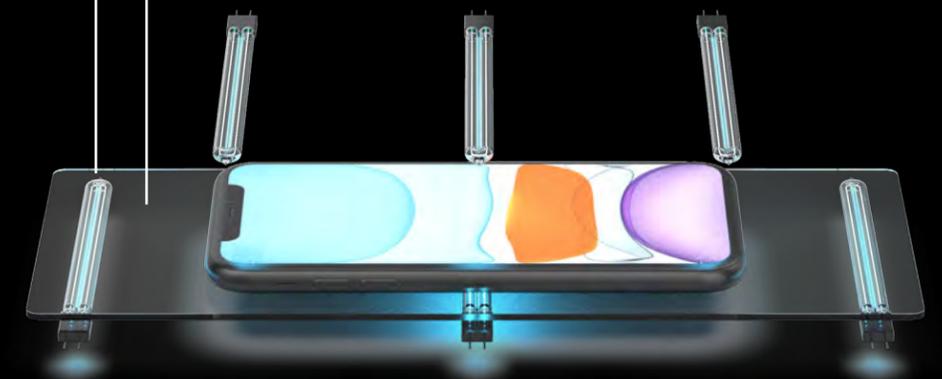
The combined application of these technologies results in a cleaning time of just 5 minutes. By achieving full coverage and an effective 99.999% kill rate, we're setting the standard for what a UV Sanitation Station should include.

99.999% **Efficacy** + 100% **Coverage** + 5 minute **Exposure**

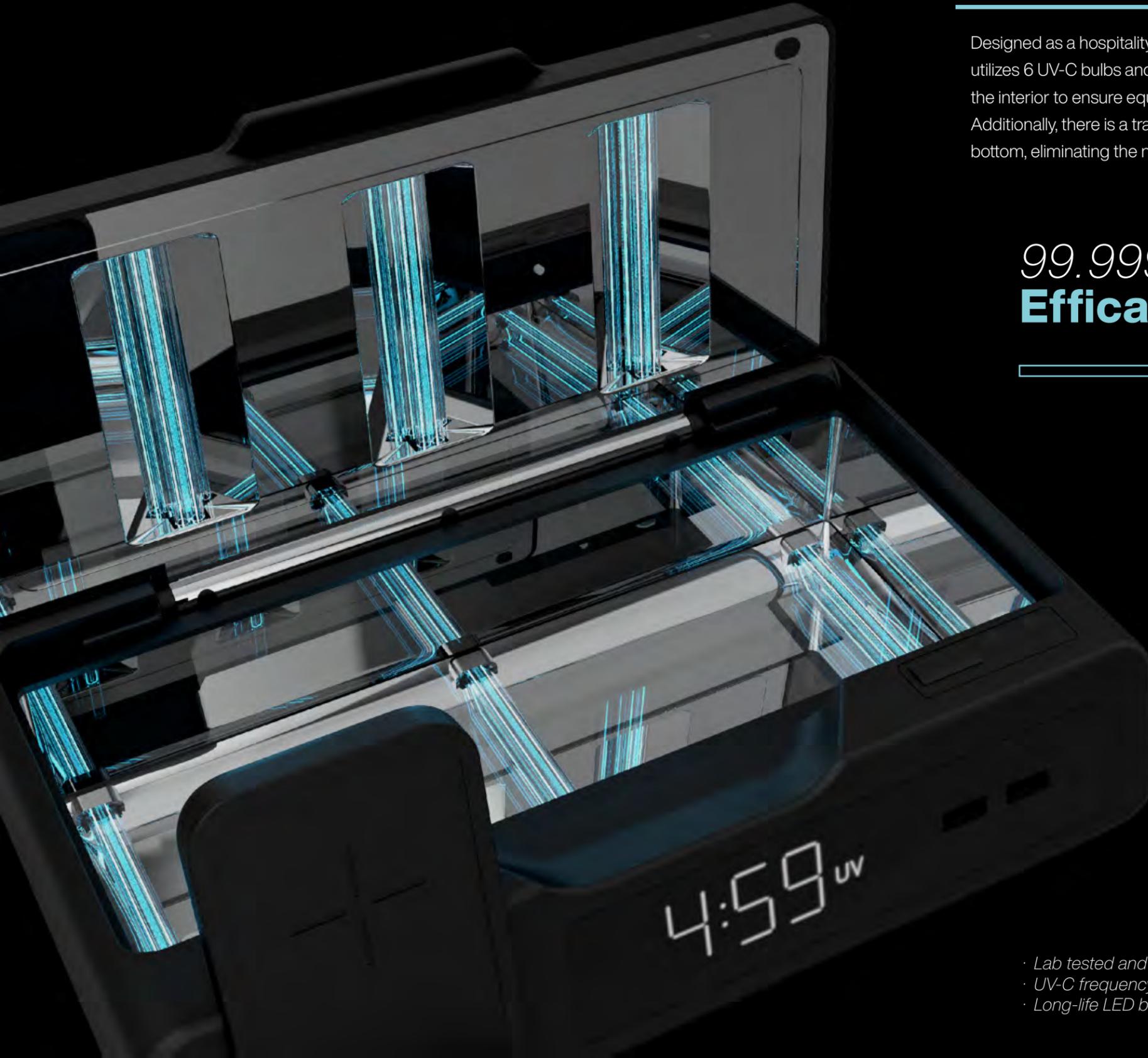
## Truly Sanitized

### KEY TECHNOLOGIES

- 6 UV-C LED BULB ARRAY
- QUARTZ 'GLASS' TRAY
- REFLECTIVE PLATED COMPARTMENT



- Lab tested and certified to ensure efficacy
- UV-C frequency high transmission through specialty quartz ensures full exposure on bottom of device
- Long-life LED bulbs



# Fit for Remotes

*Custom designed to fit the most popular  
LG and Samsung hospitality remotes*



## What else fits?

In addition to hospitality remotes and mobile phones, UV Station is able to disinfect other objects like smart watches, keys, wallets, headphones and many more high touch items. The general rule is if it fits in the box, UV Station can clean it.

*Smart phones  
Sunglasses / glasses  
Airpods / headphones  
Smart watch  
Keys  
Wallet  
Passport*



*TV Remotes are Dirty, What's the*

# What's the Best Way to Keep Remotes Clean?

	Efficacy	Reliability	Ease of Clean / Use	Trust Factor	Sustainability
<p><b>Wipe It</b></p> <p>At a minimum hotels need to spend time wiping down remote before the next guest.</p>	Dependent on the type of cleaner being used and properly applied.	Remote needs to be properly wiped on all surfaces. Cleaners may damage remotes over time.	Housekeeping needs to thoroughly clean.	No visual cue. Guest has no way to determine if its been cleaned well.	Requires disposable wipes to clean remote.
<p><b>Wrap It</b></p> <p>Going one step further, some hotels are wrapping the remote in a plastic bag for each new guest.</p>	Wraps need to be replaced and kept sanitized.	Housekeeping needs to clean and wrap remote properly. Guests may unwrap remote if annoying to use.	Inconvenient for guests to press and read buttons through baggie. Requires housekeeping time to wipe and wrap.	Guest have visual cue of wrapped remote, but may wonder if bag was replaced. "Low tech" quality perception.	Requires single-use plastic bags. Requires disposable wipes to clean remote.
<p><b>"Clean Remotes"</b></p> <p>Alternative "clean remotes" are built for easier wiping down with less risk to damaging the remote.</p>	Dependent on the type of cleaner being used and properly applied.	Depends on housekeeping properly and consistently cleaning.	Remote requires housekeeping to clean manually. Often remote control functions are limited compared to OEM remotes.	Depending on messaging on remote, guests may not understand the feature and still wonder if remote was cleaned.	Requires disposable wipes to clean remote.
<p><b>UV Station</b></p> <p>Uses UV-C technology in our custom designed chamber and array to eliminate 99.999% of germs on all remote's surfaces</p>	Eliminates 99.999% of germs on all surfaces of the remote.	Cleaning process is the same everytime for maximum reliability.	Housekeeping and guests simply place devices in chamber and press button to sanitize.	The ultimate visual cue that communicates your commitment to clean. Guests can also run a clean cycle themselves. Added customized cards can further educate guests and build trust.	Eliminates need for extra baggies, wipes and cleaners making UV Station a sustainable, clean solution.

Your Clean Ambassador

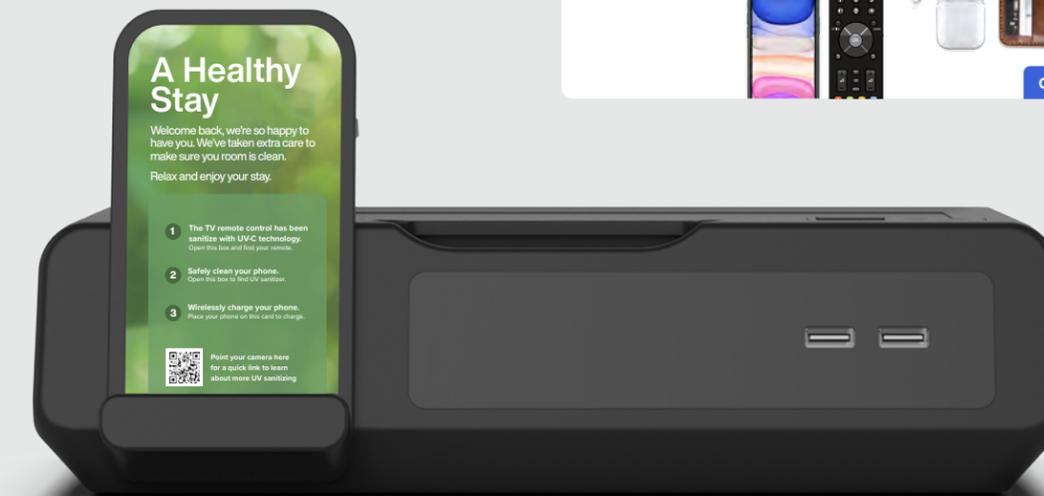
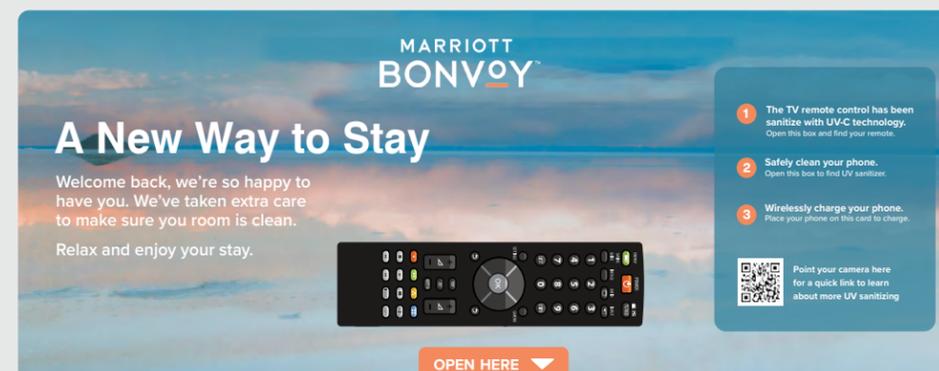
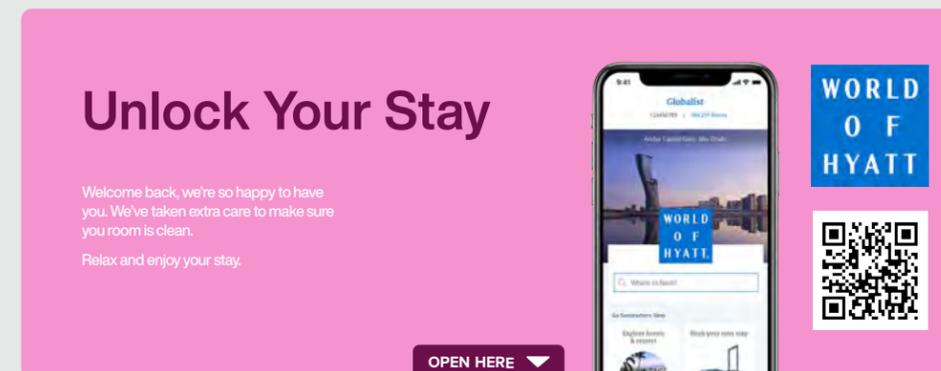
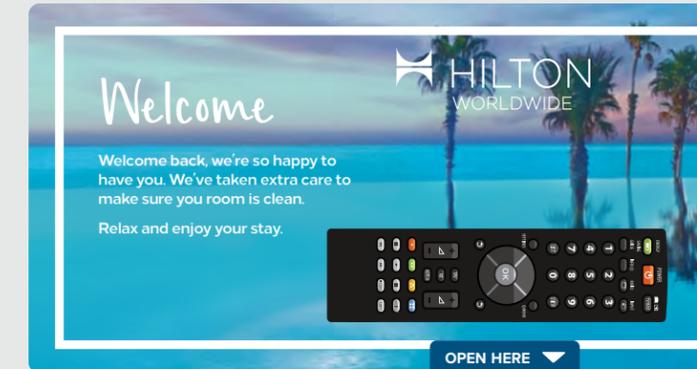
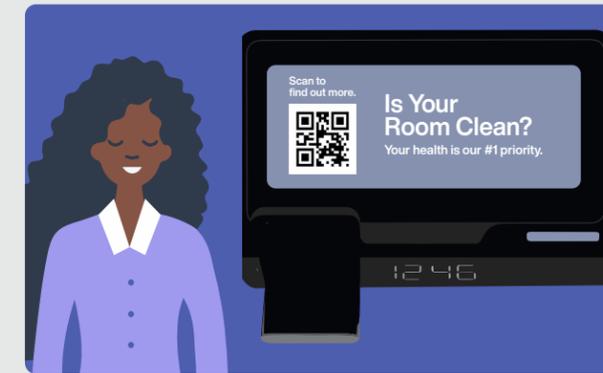
# Tell Your Story

**Custom Messaging Cards** You're spending thousands on various cleanliness initiatives to ensure guests are safe and healthy when travel resumes. Don't you want to make sure they know what steps you've taken? UV Station not only helps your brand survive, but also thrive by informing your guests about all you're doing to keep them safe.

**Inform Guests** How to use the UV Sanitizer. Explain other clean amenities and initiatives.

**Build Loyalty** Promote your brand and different cleanliness initiatives. Increase revenue by driving guests to your loyalty app, web site - QR code

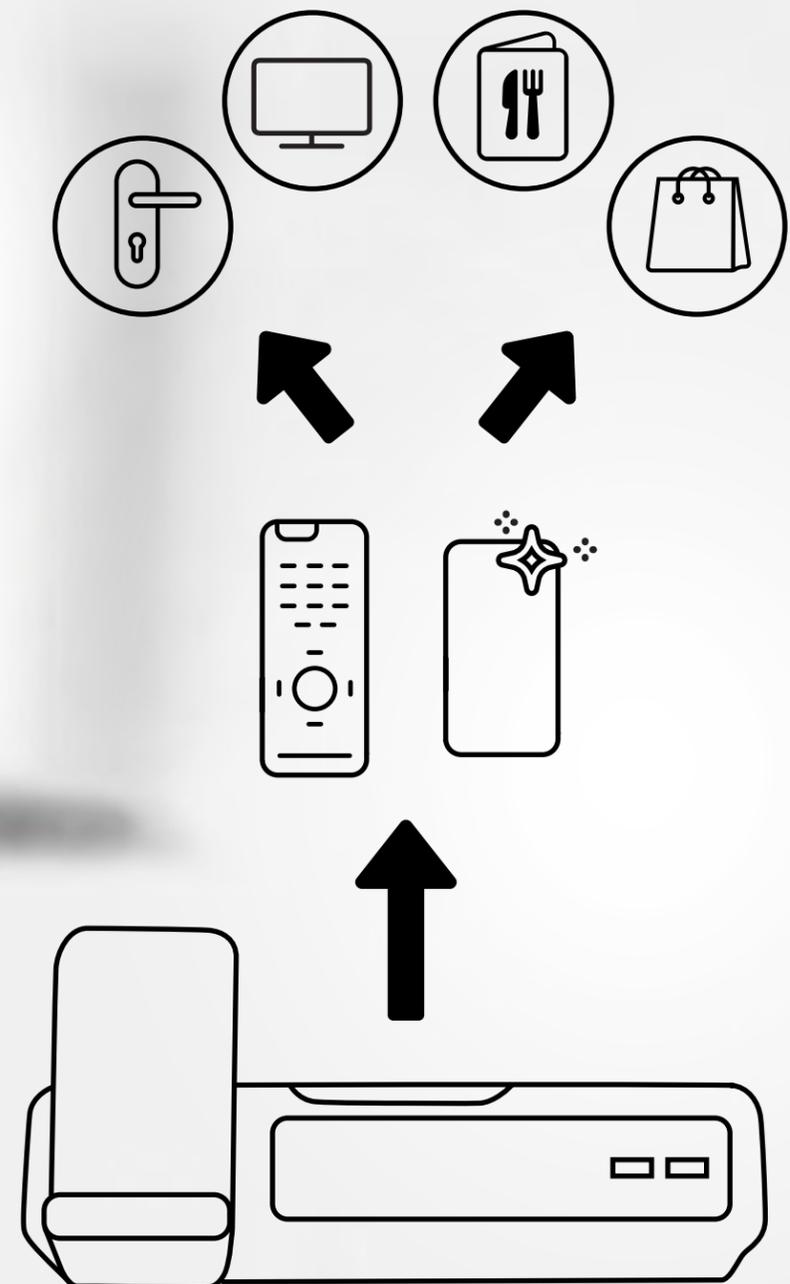
**Promote Amenities** Increase on-property revenue by promoting property amenities including spa, in-room dining, restaurants, shopping and events



NONSTOP™

# Digital Gateway

Everything about a hotels strategy has gone digital. Key-less entry, digital concierges, and on-line menus are just a few of the services that are rapidly changing. With UV Station, guests are given an easy, efficient and safe way to access those services. Allowing hotels to focus on what they do best - delivering an exceptional guest experience.



Remotes and phones are the keys to a hotels digital offerings. UV Station keep those devices, charged, clean and ready to use.

## Net Cost Analysis

# Add it Up

**Cost of Clean** The costs of sanitizing remotes can add up with baggies, “clean remotes” and housekeeping expenses.

	\$50	Average Hotel Friendly Clock
+	\$35	<b>Sanitary Remote Options</b> Estimate based on the cost of: disposable plastic bags over 3 years; OR the purchase of new “Clean™” / “Microban™” remotes; OR the added labor costs of new Covid-19 specific housekeeping protocols for disinfecting remote controls between stays.
<hr/>		
=	\$85	Base Comparison Cost

\$109 Nonstop UV Station Cost

## Value Added Benefits

# Step it Up

**Invest in Benefits, Not Baggies** UV Station is a smart solution not only for sanitizing remotes, but a modern, future-proof nightstand solution with value added benefits that add up.

- +** **Superior Remote Sanitizing**  
More efficacious 99.999% disinfecting, more reliable, simpler and faster to sanitize
- +** **Guest Device Cleaning**  
Disinfect mobile phones, watches, glasses and other high-touch items that transmit infectious diseases
- +** **Qi Charging**  
Preferred by guests for ease of use and no issues remembering cables. Qi included on >90% of phones today
- +** **Messaging Touchpoint**  
Customizeable marketing cards on top of UV Station and over charging stand allow you to educate guests on your clean story, promote your brand and market hotel amenities

*Value Added Benefit Payoff*

> \$24

**Net Cost Difference**  
\$109 UV Station Cost - \$85 Base Comparison Cost

# FAQ

## Will The UV Compartment Clean All Sides Of The Device?

Yes, UV Station was designed specifically to ensure maximum coverage of any device. This is done through the use of 6 UV Bulbs - 3 on the top, 3 on the bottom.

Additionally, there is a reflective coating and the phone rests on a translucent quartz plate to ensure the top, bottom, and sides of the device are equally disinfected.

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## How Long Does It Take To Sanitize Items Inside The UV Compartment?

5 minutes. The product has a countdown timer showing the amount of time remaining until the cycle is complete.

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## What Kind Of UV Light Is Used And Is It Safe To Be Used Around People?

UV-C light spectrum is ultraviolet light with wavelengths between 200 – 280 nanometers (nm). It's

effective at sterilization by breaking down the genetic information in the DNA of harmful micro-organisms such as bacteria and viruses. It's used safely in many other existing products. The exact wavelength and other details on our UV implementation will be made available ASAP. Broader spectrum of UV rays (200-400 nm) are harmful to human skin and can cause irritation, cataracts and skin cancer. However, the low end of the UV-C range is a more limited narrower band that scatters more quickly making it unable to penetrate even the outer most layer of human skin unless there is direct exposure for multiple hours distance.

As an added safety measure, UV Station's disinfecting chamber is designed such that no light can escape the chamber and the lid has a safety mechanism that automatically shuts off the light if opened mid-cycle. Making it impossible for direct contact between human skin and the UV-C light

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## How Effective Is The UV Station As Killing Germs And How Do You Measure The Efficacy?

UV Station will provide a 5-log reduction; killing 99.999% of microorganisms present; such as E.

Coli, Salmonella, Staph Aureus, Influenza (H1N1), Coronavirus and more. The UV Station is in the testing phase now and we will publish the test reports as soon as they are available.

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## Can UV Light Damage Surfaces Of Something That's Accidentally Put Inside The Compartment?

While long exposure to UV light can cause some materials to fade, the short duration of UV Station's sanitation process (5 minutes) prevents damage to any type of materials placed inside.

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## Will Our TV Remote Fit In The Sanitation Compartment?

The dimensions of the UV Compartment are as follows: 9.3" Across 3.6" Front to Back 1.6" Deep. Based on our research, those dimensions are large enough to fit nearly every hospitality remote currently available.

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## How Can We Be Sure Guests Will Feel Safe With This Technology?

Since the Corona-virus there has been a tremendous amount of news regarding the usage of UV light for killing germs in public places. But to provide more information for guests on the safety and efficacy of UV as well as this entire list of UV Station FAQ's Nonstop will maintain a web page specific to this information. We recommend the branding & communications card design for the top of the product includes the QR code link to this information to make it easily accessible to any guest with a mobile phone.

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## Why Is It Designed To Clean Remotes And Mobile Phones?

Mobile phones and TV remotes are among the two dirtiest things found in the hotel guest room. Learn more below

How Dirty are our mobile phones?

How Dirty is the Hotel Remote?

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# FAQ

## Is It OK To Clean Other Items Besides The TV Remote Or A Mobile Phone?

Yes, absolutely. Other common items to clean include earbuds, wrist watches / smart watches, fitness bands, jewelry, wallets, etc.

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## Should Items Be Wiped Clean Before They Are Placed Into The Compartment For Sanitizing?

Yes, UV cleaning should be seen as a complement to manual cleaning measures like dusting off surfaces. In fact UV light cannot penetrate particles like dust, so dirty surfaces will cause effectiveness to drop. We recommend the products placed inside to first be wiped clean of any visible dust, and debris for maximum effectiveness of the UV cleaning process. This way the light can be concentrated on microscopic germs remaining on the surface.

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## How Does The Guest Operate The UV Cleaning Feature?

The guest simply places their mobile phone or other small wearables into the cleaning chamber, shuts the lid, and presses the UV CLEAN button. An indicator light turns on and the display begins a countdown timer. When the timer reaches zero a beep sound is made to further signify the cycle is complete and the light is shut off. An indicator on the display will signify that the clean cycle is complete, and will stay on until the lid is open to remove the device.

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## How Does Housekeeping Operate The UV Cleaning Feature?

Housekeeping simply wipes down the remote control to eliminate any obvious dust, debris or grease and then places it into the UV chamber, closes the lid and presses the UV CLEAN button. The next guest will then find a fully UV cleaned remote control ready inside the chamber for their use (a messaging card on top of the lid will include an image of the remote control explaining it has been cleaned and is inside - "just open the lid to find a fully UV sterilized remote control")

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## How Easy Is It To Change The Messaging Card On The Top Of The UV Station?

There is a lot of flexibility here. There is no minimum order requirement for a custom design (artwork supplied to spec by the customer), however the price will vary based on the quantity. A water-resistant vinyl material is used with a semi-permanent adhesive so that it stays in place, but also can be removed and replaced as needed.

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## Does A Mobile Phone Wirelessly Charge While Its Inside The Cleaning Compartment?

No, because the cleaning time is quite short and guests prefer to have their phone visible to them, we have designed the wireless charging to be on a stand outside of the cleaning compartment.

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## What Are The Specs On The Charging Ports?

Wireless Charging Stand: 10W Qi Certified

USB Ports: 2.4A +1A

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## Is UV Station Certified?

The UV Station, like all Nonstop products will be completely certified for use in the N. American market and carry all the necessary certification marks for import and sales within N. America. The list of the exact international market certifications like CE and or the CB Scheme. These determinations will be made based on customer requirements. Specifically for UV efficacy; a well-recognized 3rd party (e.g. SGS) will be used to provide a full and thorough report.

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# FAQ

## Does The UV Station Have An Alarm Clock?

Designed for the bedside, UV Station incorporates a clock for guest convenience. By design it does not include an alarm. We all know the vast majority of guests rely on their mobile phone for the alarm function - and it's time we embrace that. So we designed the product around a guests phone; including a stand that holds (and charges) the phone - making it simple to view and reach from the bed. This removal of the alarm feature enables a much simpler user interface (less buttons).

The clock on the device can easily be turned on or off or dimmed. The clock has a calendar in memory that supports automatic daylight savings time adjustments as well as time and date memory even when unplugged for up to 60 days. This memory is powered by an internal recharging capacitor (no batteries are required) for ultimate simplicity. Set it up once and no further management of the time is required.

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## What Is UV Station's Warranty Policy?

Nonstop™ brand product, as supplied and distributed by Nonstop, Inc. (NONSTOP) and its authorized distributors and delivered new, in the original carton to the original purchaser, is warranted by NONSTOP against manufacturing defects in materials and workmanship for a limited warranty period of two years (730 days).

If service or replacement is deemed required by reason of any defect or malfunction during the warranty period, NONSTOP will repair or replace the product at our option at no charge as stipulated herein, with new or reconditioned parts during the limited warranty period specified above. This decision is subject to verification of defect or malfunction upon return of product to NONSTOP or its authorized distributor. All replaced parts and product become property of NONSTOP and must be returned to NONSTOP or its authorized distributors. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

Proof of purchase (original bill of sale) including purchase date is required and must be presented upon request. This limited warranty begins on the original

date of purchase, and does not include transportation, installation, removal or re-installation.

## How Does A Hotel Manage A Return/Exchange?

Before returning the product for service or replacement:

Contact customer service at [connect@nonstop-products.com](mailto:connect@nonstop-products.com) to receive a Return Authorization number (RA#)

Obtain the return shipping address from Nonstop (depends on your location).

Enclose a photocopy of your sales invoice.

Write the issued RA# on the shipping label, or on top of the box.

Ship the package from shipping company of your choice, prepaid and insured to the address provided.

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## Where Can UV Station Be Purchased?

Nonstop's existing product line is available to the hotel industry through a host of nationally recognized hospitality OS&E resellers including:

Guest Supply, HD Supply, Best Buy for Business, Knitec, PDI, [Click here for a Full List of Reseller Part-](#)

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## When Will UV Station Be Available With The Above Resellers?

UV Station is new and the part has not been setup in our partners systems yet (we expect it to be loaded by the end of August).

Almo distributing is Nonstop's master distributor and currently stocks Nonstop's entire product line at 3 U.S. based warehouses, including Reno Nevada (West), Dallas Texas (Central) and Atlanta Georgia (East). The above distributors pull stock from Almo and the product ship 1-2 days after the order is placed. We expect UV Station inventory to arrive to the warehouses at the end of November 2020.

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# The Next Big Thing in Hotel Tech: UV-C Technology

If you asked a panel of experts at the end of 2019 to predict what the next “big thing” in hospitality tech would be in 2020, you would probably hear things like:

Robotics! Artificial Intelligence! Smart Rooms! And so on. But... 2020 had other plans.

Now to be clear, these technologies are certainly very important and will continue to make their way into the mainstream, but the unprecedented events of 2020 have brought a much more immediate concern to the forefront - health and cleanliness.

Major industry players such as Marriott, Hilton and AirBnB have rolled out sweeping cleanliness initiatives aimed at guest health and safety. Ray Bennet, Chief Global Officer at Marriott International, had this to say: “Safety for our guests and associates has always been a top priority for Marriott and today that discussion of safety is in the context of COVID-19,” We want our guests to know that we are doing everything we can to welcome them back to a safe and clean hotel environment when they start traveling again.”

In addition, Marriott is exploring another technology that we at Nonstop believe will become a standard in hotels throughout the coming years, which is UltraViolet technology, or, more specifically - UV-C Technology.



Hilton is another hotel group that is turning to UV-C technology to keep guests safe and healthy. The Kennedy Hotel, located in Beverly Hills, is one example of a Hilton property using UV-C robots to disinfect luggage and other similar items. Christopher J. Nassetta, Hilton President and CEO, speaks on the cleanliness procedures:

“Our first priority has always been the safety of our guests and Team Members. The practices and protocols we’ve developed over the last several months allows our guests to rest easy with us and focus on enjoying the unforgettable experiences we have to offer – while protecting our Team Members who are on the front lines of hospitality.”

## What is UV-C Technology and Does it Work?

UV-C is a form of light that is invisible to the human eye and is capable of inactivating microorganisms such as bacteria, viruses and protozoa. Numerous studies have been conducted on the benefits of UV-C light, and we can conclude that when bacteria, viruses and protozoa are exposed to the germicidal wavelengths of UV-C light, they are rendered incapable of reproducing and infecting. The smaller wavelength of UV-C compared to other forms of UV light are incapable of penetrating human skin unless exposed for a very long time, but because microorganisms are so small, it is able to penetrate and destroy them.



Hospitals have been utilizing UV-C technology inside of operating rooms for years, and while it doesn’t replace manual cleaning, it can serve as a critical germicidal compliment in a time when health and safety are quickly becoming the number 1 priority. Some hotels, such as the Westin Houston Medical Center, have already deployed two robots that roam the halls and guest rooms emitting UV-C light to disinfect surfaces.

Outside of Robots, there are other more straight forward ways to deploy this technology. Diversey, a leading provider of cleaning and hygiene products, has a solution called MoonBeam that utilizes three individual UV-C lights with adjustable arms that allow staff to target specific areas for cleaning.

UV-C technology has a long history of contributing to cleanliness in the medical industry and more recently it’s being offered in the consumer space as a way to clean mobile phones (which turns out to be one of the most germ ridden surfaces we encounter on a daily basis). PhoneSoap is a good example. They created a nifty gadget that disinfects your phone while charging it at the same time with an integrated wireless charger.

The team at Nonstop is obsessed with creating bedside technology with the most relevant features for guests; always with specific hotel-friendly considerations that make the tech effective and simple to manage for hotels. Can the clock / charging station on the hotel nightstand also clean your smartphones, watches and other mobile devices? We feel so, and that’s why, this fall, we’re launching UV Station. Learn more here.

## Conclusion

It’s hard to know exactly what the future will look like in a post-covid world, but I feel we can be sure that cleanliness will be at the forefront of nearly every hotelier’s mind. As more hotel chains continue to roll out new health and safety programs, we will get a better idea of what kind of things will become the new “normal.” Here at Nonstop, we strongly believe that UV technology, along with other automated and manual cleaning technologies, will become standard practice at hotels across the world.

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## Helpful Links

<https://www.crr.columbia.edu/research/using-power-light-preventing-airborne-spread-coronavirus-and-influenza-virus>

<https://www.cntraveler.com/story/marriott-hotels-new-cleaning-routine-involves-sanitizing-sprayers-and-uv-light>

<https://www.cmmonline.com/articles/the-benefits-of-uv-technology>

<https://www.ultraaqua.com/support/uv-technology/>  
<https://www.beckershospitalreview.com/quality/the-power-of-light-how-hospitals-can-harness-uv-energy-to-reduce-hais.html>

<https://www.medicalnewstoday.com/articles/324284>  
<https://diversey.com/en/solutions/infection-prevention/uv-c-disinfection/moonbeam-3>

# How Dirty is the Hotel Remote Control?

Have you ever thought about how many different hands have come in contact with the hotel remote without being cleaned? This might not have been something that crossed your mind prior to 2020, but now it's a question on the top of every guest's mind. Simply put, the hotel remote control is VERY dirty. Time Magazine found that the single dirtiest item in the hotel rooms was the remote, which delivered bacteria readings as high as 498 - 5 times the acceptable level.

Experts recommend putting the remote in a clear plastic bag when using it to avoid contracting ecoli and other bacteria/viruses that may be lingering on the surface. Another option is the forthcoming product from Nonstop - UV Station. It has a UV-C sanitation compartment that is large enough to fit the vast majority of remotes on the market today, and it is rated to kill 99.999% of germs across the entire surface. All the hotel staff needs to do is place the remote in the sanitation compartment for 5 minutes between stays. That way you can clean the dirtiest item in the room without using an excessive amount of plastic.

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## Helpful Links

<https://www.cheatsheet.com/culture/germiest-spots-in-your-hotel-room.html/>

<https://globalnews.ca/news/2468543/dont-touch-the-remote-study-reveals-dirtiest-spots-in-hotel-rooms/>

<https://www.rd.com/advice/travel/dirty-hotel-room/>



# How Dirty Are Our Mobile Phones?

We use our phone for just about everything. Watching videos, playing games, staying in touch with friends, as a form of payment and numerous other useful activities. This also means that we're constantly touching our phones - after we eat, use the restroom, hangout with friends, etc. It's no secret that all these activities make our phones a breeding ground for germs - but just how bad is it?

We won't sugar coat it, it's pretty bad. The typical mobile phone has over 25,000 bacteria per square inch. This is more bacteria than your kitchen counter, the doorknob, and most concerning - the toilet seat.

As hotels around the world welcome guests back to their property, numerous cleanliness measures are being put in place to address these "high-germ" areas. But to really make guests feel comfortable, something HAS to be done about our mobile phones. That's what the team at Nonstop has been working on. In fall of 2020, we'll be releasing UV Station - a UV-C sanitation station that can disinfect mobile phones and other personal devices guests bring. Oh, and it's also a wireless charger and clock.

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## Helpful Links

<https://www.cheatsheet.com/culture/germiest-spots-in-your-hotel-room.html/>

<https://globalnews.ca/news/2468543/dont-touch-the-remote-study-reveals-dirtiest-spots-in-hotel-rooms/>

<https://www.rd.com/advice/travel/dirty-hotel-room/>



# How Important Is Cleanliness To Hotel Guests?

It's no secret that "clean" is the most important word in hospitality right now - but in reality, cleanliness has been a driving factor for consumer hotel booking decisions for years. In fact, in 2018, nearly 80% of hotel guests said cleanliness is THE most important factor when choosing a hotel to stay at. Now, instead of worrying about a dirty bathroom or dirty bed sheets, health experts are saying the first thing that comes to mind when booking a hotel is 6 simple yet profound words - "Am I Going to be Safe?"

This is a big deal. If hotels wish to survive and eventually thrive in this new world, guests health and safety have to be the #1 priority. It's no longer enough to ensure the room looks spotless when a guest checks in. There needs to be an increased use of technology - such as temperature checks, UV-C cleaning, etc - that ensure proper cleanliness measures are taken beyond what is just viewable at the surface.

Hotels are doing a great job of addressing this. Nearly all of them have announced sweeping cleanliness initiatives aimed at completely restructuring how their hotel looks, feels and operates. While great progress has been happening in a short period of time, we think one area where there hasn't been as much focus

- but could be equally as powerful - is through the empowerment of guests to have control over their own cleanliness. That's one of the major benefits of the forthcoming product from Nonstop, UV Station. It gives the guests the ability to quickly and thoroughly clean the dirtiest objects they are bringing into the hotel (phones, watches, etc).

With , hotels and guests alike can work together to ensure everyone that passes through those doors and safe, healthy and feel comfortable returning to travel.

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### Helpful Links

<https://www.instituteofhospitality.org/the-importance-of-hygiene-for-guest-satisfaction/>

<https://www.nytimes.com/2020/06/03/travel/the-most-important-word-in-the-hospitality-industry-clean.html>

<https://www.hotelbusiness.com/need-pic-its-time-for-hotels-to-take-cleanliness-to-the-next-level/>

99.9999%

vs

99%

## The Importance Of Killing 99.999% Of Germs

We often hear products touting their ability to kill 99% of germs, or 99.9%, or in the case of UV Station 99.999%. But just how important is this distinction? Is there really THAT big of a difference between 99 and 99.99?

To answer that question, we use the phrases log reduction and log kill. Log reduction refers to a 10 fold (or one decimal point) reduction in bacteria. To illustrate the impact of this, consider a colony of 1 million bacteria.

A 1-log kill will eliminate all but 100,000 bacteria (90%)  
A 2-log kill will eliminate all but 10,000 bacteria (99%)  
A 3-log kill will eliminate all but 1,000 bacteria (99.9%)  
A 4-log kill will eliminate all but 100 bacteria (99.99%)  
A 5-log kill will eliminate all but 10 bacteria (99.999%)

When broken down, the importance of these numbers cannot be overstated. The difference between a 2-log kill (99% reduction) and a 5-log kill (99.999% reduction) is a whopping 1000 times. Would you purchase a cleaning product knowing that it will leave over 10,000 bacteria still on the surface?

UV Station was designed to provide a robust and effective way of eliminating germs on high touch items like mobile phones and remotes. We opted to choose a higher log reduction because the health and safety of guests should be the #1 priority on all of our minds.

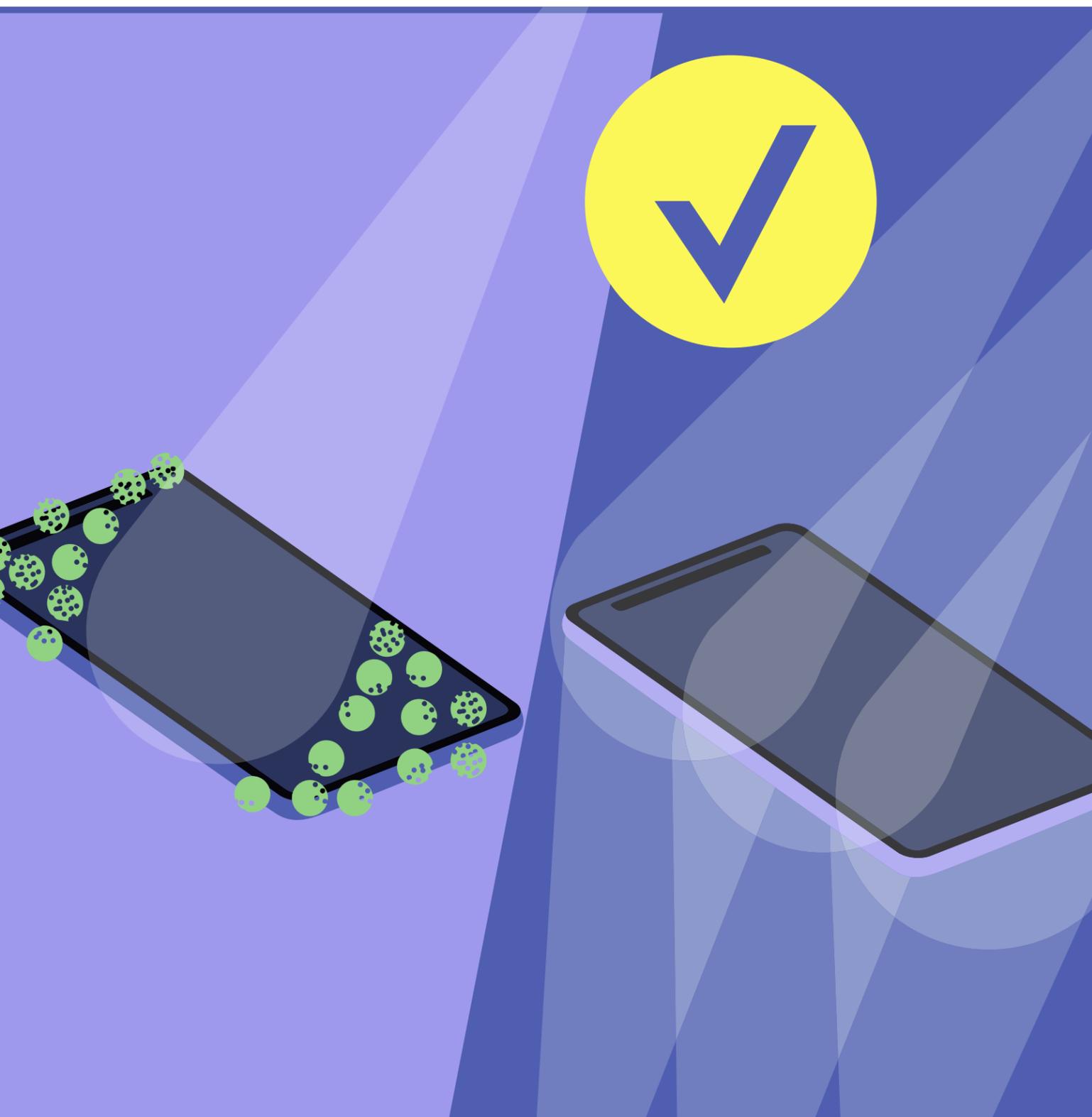
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### Helpful Links

<https://halosil.com/what-are-logs-and-why-do-they-matter-in-preventing-infections/>

<https://www.endurocide.com/knowledge-base/blogs/log-reductions-a-beginners-guide-2/>

[http://www.bestsanitizers.com/uploads/supporting-docs/Quick\\_Guide\\_to\\_Log\\_Reduction\\_JS.pdf](http://www.bestsanitizers.com/uploads/supporting-docs/Quick_Guide_to_Log_Reduction_JS.pdf)



## The Power Of Coverage

Now that we understand the critical difference between killing 99% of germs and 99.999% of germs, there's another key area to discuss when it comes to products that effectively eliminate germs - coverage.

Coverage, as it sounds, refers to how much of the device is actually cleaned when put in the UV compartment. Think about it like this - is a product effective if it only kills 99.999% of germs on less than half of the device?

I think most would say that sort of defeats the purpose. This is why we designed UV Station with maximum coverage to disinfect the entire device. This is done through 3 key components:

6 Bulbs. 3 on top. 3 on bottom. To ensure a sufficient intensity of light is able to reach every side of the device.

Reflective Coating. The entire inside of the compartment has a reflective coating that redistributes light to every part of the device.

Translucent Quartz plate. The final ingredient to complete coverage ensures the bottom of the device gets equal exposure. Your phone (or other device) rests on a transparent quartz plate; suspending it above the bottom lights, allowing ample UV light to reach the bottom side. This eliminates the need to flip the device to get both sides.

Together, these 3 crucial elements ensure that everything placed in UV Station is fully sanitized, every-time. Because if it's not, then what's the point of all of this?

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## How UV Station Helps Hotel Staff

The new cleanliness initiatives, while absolutely a necessity, are no doubt putting a lot of extra pressure on hotel personnel around the world. From extensive training programs, to completely new procedures and much more, most hotel staff are having to learn new things on the fly.

One department that is at the forefront of this transition is Housekeeping, as they are responsible for keeping the hotel - especially guestrooms - clean and ready for the next guests use.

Indeed, housekeeping will have a ton on its plate over and above what was typically required pre-pandemic. For example, Hilton's "CleanStay" program specifies 10 areas in the guestroom that will now require housekeeping to do a deep cleaning. These areas include the remotes, clocks, light switches and more.

While all of the areas mentioned in the deep clean are important, one that we believe stands out is the remote - which was found by Time Magazine to be the dirtiest item in the hotel room.

We believe this is the case for two reasons:

1. Simply put, A LOT of different hands touch the remote
2. It's really hard to clean

Let's focus on #2. Other high touch items like light switches, sinks, tables, etc, are relatively easy to wipe down and keep clean. The remote, however, has tons

of crevices that are hard to clean and act as an ideal hangout spot for germs. This isn't new. It's this EXACT problem that led to the Clean Remote. Which unique design makes it easier to wipe down and claims to carry 99% less germs than other remotes.

With UV Station, there's no need for the staff to worry about cleaning each and every section of the remote. All Housekeeping needs to do is drop it in the UV compartment, press the start button, and in 5 minutes the remote has been completely disinfected by 99.999%.

Easy, right? Housekeeping can even work on other parts of the room while the remote is disinfecting. There's no way around the extra burden that hotel staff will be faced with to ensure guests feel safe and comfortable. Which is why solutions like UV Station are so important. Not only does it make the lives of Housekeepers a little easier, but it also ensures consistent cleanliness each and every time.

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### Helpful Links

<https://www.nonstopproducts.com/the-importance-of-9999>

<https://www.cheatsheet.com/culture/germiest-spots-in-your-hotel-room.html/>

<https://www.hotelmogel.com/relieving-the-overwhelmed-with-covid-response-hotel-software/>





# Is It Time for Wireless Charging in Your Hotel?

## When A Wireless World?

This past June I moved into a new apartment and saw it as an opportunity to “declutter” and live a more minimalist lifestyle. (Yes, I am a tried and true Millennial) While sorting through my stuff to decide what was a keeper and what I should get rid of, I was shocked and slightly appalled by the number of different cables I had. HDMI cords, lighting cables, micro USB cables, and more - I literally had an entire tangled up box full.

Imagine a world without wires; A world where everything just works and there is no need to plug devices in. That’s a little ways off, but we’re getting closer. We talk on cordless and wireless phones now and we don’t need to plug in for dial up modems. And if you’re not already, soon you’ll be able to wirelessly charge your phone and other personal tech gear.

## Near Field Now, Far Field Far Out

Qi is the standard for charging mobile devices wirelessly. Near field, inductive charging is the technology behind Qi. Inductive electric currents were first discovered when passing magnets through a coil. It’s been

around for decades and it’s been used by many of us to charge our electric toothbrush. Near-field energy transfer requires docking or contacting your device with a charging pad.

Several companies are at work on Far-Field wireless charging which will allow you to charge your phone across the room without having to set it down or plug anything in. This technology would be a major milestone towards a wireless world, however some hurdles have many industry leaders believing this is about 10 years out.

Point being, a world without cables, or significantly less cables, is well within reach. While the Far-Field Charging mentioned may not be here for quite some time, the advancements being made with Near Field Wireless Charging are worth getting excited about.

## Qi Is The Standard

Remember, wireless charging has been around for years, but only a fraction of devices supported it, and the ones that did were split between rival standards - The Wireless Power Consortium (Qi) and the Airfuel

Alliance. But as Gizmodo writes “The Battle Between Wireless Charging Standards Comes to a Merciful End”. And let’s face it, the really big news with wireless charging... Apple announcing late last year that the iPhone 8/X will support Qi; so effectively a new universal standard of charging is upon us. Or, as The Wire put it, “Qi becomes the switzerland of charging, as uncontroversial and universally embraced as WiFi” Apple has long been a master at creating demand for new technology, even if that technology isn’t exactly “new”. There’s no reason to think this trend won’t continue with wireless charging. In fact many believe that wireless charging is the final step toward removal of the last physical connector on the phone. Apple has been pushing consumers away from physical media and cables for quite sometime - first with the removal of the CD drive, then the headphone jack, and today’s macbook have far fewer ports than past models. So maybe a world without cables is not such a fantasy after all.



Apple announces the newest iPhones will be Qi compatible

## Qi Is Now, Are You Ready?

Savvy hotelier’s are following these developments and asking themselves - is wireless charging a worthwhile investment right now? How many phones even support it? Is it really going to take off? All good questions. And now the answer is “the time is now.”

With Apple joining Samsung and others, around 85% of all phones sold this year will be Qi compatible. Consider this - there will be an estimated 1 billion devices that support Qi wireless charging by 2020. We are at the beginning of a wireless revolution that will fundamentally change how we charge our phones. Soon restaurants, bars, and of course - hotel guest-rooms will be littered with wireless charging pads. Think about it like this, soon just setting your phone down will be synonymous with getting a charge. Powerful stuff, huh?

Soon millions of guests will leave their cables behind and check into your hotel looking for a friendly place to set down for a charge. So the answer is yes, wireless charging is most certainly a worthwhile investment for your hotel, especially if the solution is universal... one that keeps good old USB ports together with the new Qi wireless charging feature. That’s something that all guests will appreciate today and for many years to come.

Good, because no matter how many charging cables I get, my wife and I always seem to be stuck sharing the one cable we remembered when we travel. Plus why would I want to fumble around in the dark for a charging cable when I can just set my phone down? Wireless charging is just easier.



Apple announces the newest iPhones will be Qi compatible