

# Cice Smart Health Care System

**Carrot Home Solutions Limited** offers a flexible and intuitive healthcare solution backed by a range of patient monitoring devices and linked with our patient healthcare platform Cice Smart Health Care System, which transfers the way of information to improve the quality of patient care, safety and service delivery. This solution integrates various advanced information technology and devices that transform healthcare.

Cice Smart Health Care empowers healthcare professionals with visibility solutions and analytics to advance the quality of care. Our technologies enable healthcare organizations to collect data from multiple sources - medical devices, patients and staff, gathering insight and seeing trends that allow you to predict and forecast. Using the latest in business intelligence and analytics, our software applications improve the bottom line by optimizing how hospitals allocate resources and respond accordingly through powerful analytics, decision-making tools, reports and dashboards.

All units include ultra-safe EZ CALL IP circuitry monitoring that's constantly being polled by the system for peace of mind that the system is working correctly. Because our range satisfies various codes of practice including VDE 0834 and HTM 0803, we even exceed healthcare recommendations in certain countries.



## Nurse Call unit

One large round button for nurse call on both panel and call cord

Contain build-in speaker on panel, and microphone on both panel and call cord for elderly and staff active communications

Call unit will send out alert signal to the central control office for real time record

Monitoring staff's service by recording the respond time



## Bathroom / Toilet Call Unit

Patient pull the cord to call nurse / alert the alarm for emergency

Location information report to the central control office

Water-proofed



## Cloud Platform RTLS Solution

Keeping elderly home safe and secure with healthcare facility is a complex task. More elderlies to serve, tightening regulations and security challenges.

RTLS Cloud Solution Platform helps to:

- Real time centralized monitor and manage all health information and alerts
- SLA response time measurement
- Protect high-risk patients with full visibility and avoid wandering away
- Provide peace of mind for staff, elderlies and family
- Increase the efficiency of healthcare workers

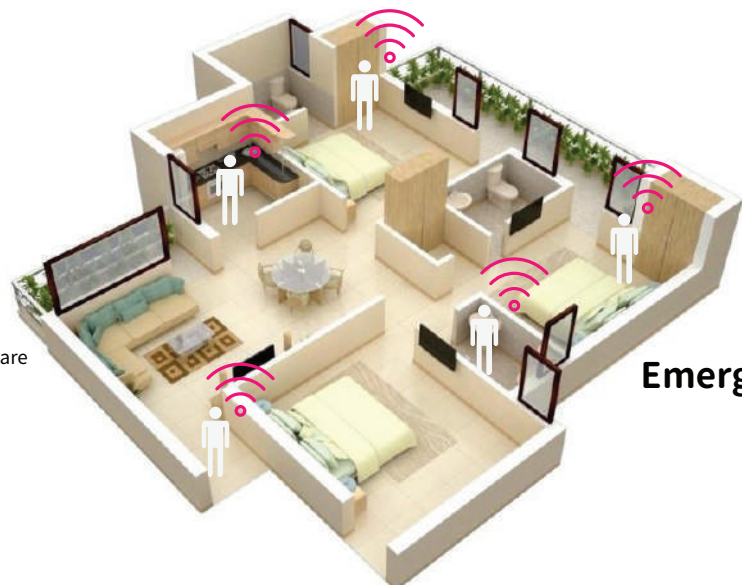


Control Office



Wristband BLE Tag

This BLE Smart wristband in high-quality silicone is adapt for adults and children. It is created for hospital/healthcare applications equipped with a one touch panic button.



Emergency Call



The drive for digitalization improves workflow efficiency, enhances the accuracy of communications, mitigates risk and upgrades patient experience.

However, some aspects of patient/clinician communication in hospitals still relies on manually updated whiteboards and door information cards, increasing the workload of nurses and clinicians, and increasing the risk of errors, or outdated information.

There is a new solution that promotes hospitals to use digital signage, without taking a step back with light pollution:

## Patient Room Door Sign

The Patient Room Door Sign can connect wirelessly to a hospital or facility's EHR / EMR system so updates can be pushed in real-time. It can be custom configured to show patient alerts such as visitor restrictions, allergies or medical precautions so clinicians and visitors are aware before entering the room. Clinicians can easily confirm patient care team information.

Key Points:

- Easy installation - as easy as hanging a picture on the wall
- Battery powered - no wiring required
- Information always-on and easy to read, even during power outages
- Long battery life
- No light pollution



## Patient Care Sign

The Patient Care Sign can connect wirelessly to a hospital or facility's EHR / EMR system so updates can be pushed in real-time. It can be custom configured to show patient alerts such as visitor restrictions, allergies or medical precautions so clinicians have all relevant patient information at a glance, increasing the trust and satisfaction from patient. The nurse call button and responding time-stamp can be integrated to the device for workflow data analysis.

Key Points:

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- Battery powered - no wiring required
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# Prevent Covid-19 with UV-C



## UV-C Disinfection Machine

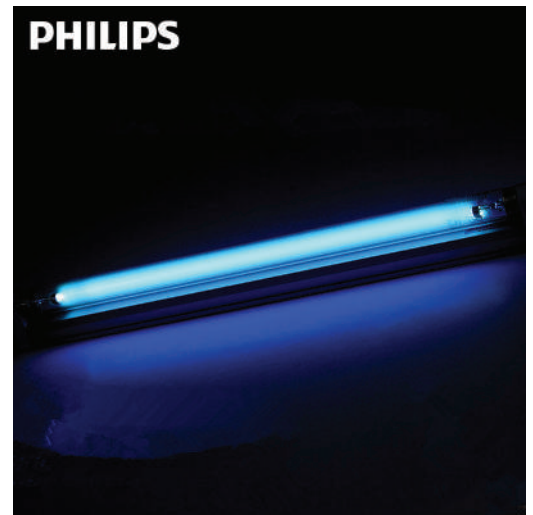
UV-Wavelength  
254nm (UV-C rays) x 6 (36W) CE Certified

Human Detection IR Sensor (Max. 6 meters)  
UV-C lights will automatically turn off if someone approaches

Rotation Reflector  
Rotation reflector for protection of UV-C lights

## We use Philips ultraviolet lamps

- Reliable UVC output over lifetime
- All Philips UVC low pressure mercury lamps contain a unique coating on the inner glass wall that ensures the UVC output over the useful life of the lamp never drops below 85% of its initial output
- Lowest mercury content for a better environment
- Precise dosing of the smallest amount of mercury in a very reproducible way
- No mercury emission during manufacturing
- Optimum lamp performance with lowest possible amount of mercury in the lamps



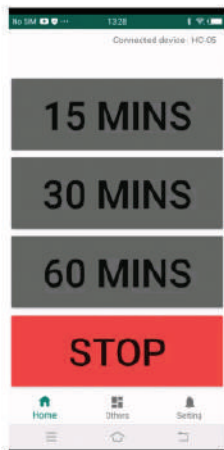
## 360 ° Disinfection Coverage

Installed with silent universal brake wheels and timer , easy and light weight to operate



# EASY CONNECTION

Wireless Bluetooth connection with Android APP



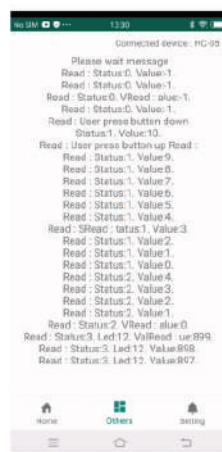
Home : 15/30/60 mins disinfection time / STOP button to stop the machine at any time



The UI will show the remaining disinfection time during the disinfection process



If the connection is interrupted, you can press RECONNECT DEVICE under Setting to reconnect



Others - Display log records (only use for maintenance)



UVC light disinfection eliminate any remaining pathogens after manual cleaning processes, such as:

- Clostridium difficile (C.diff)
- Staphylococcus aureus
- Methicillin-resistant Staphylococcus aureus (MRSA)
- Vancomycin-resistant Enterococcus faecalis (VRE)

## How can we take adequate defense measures?

Bacteria and viruses spread easily in densely populated public areas, such as elderly home / offices / shopping malls / cinemas / theatre / hospitals etc.



## UV-C Disinfection Technology:

- Emitting concentrated UV-C light onto infectious hotspots in rooms , supporting the normal cleaning routines
- Prevents and reduce the spread of infectious microorganisms in the environment by breaking down their DNA structure
- Safe, reliable and user friendly wireless operation as it can be operated easily by staff through mobile app
- Installed with human detection IR sensor, UVC lights will automatically turn off if any staff accidentally approaches the machine
- Reducing public areas infection rates and operating costs



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