



ULTRA-V CONNECT™

High intensity UV-C light for rapid,
user-defined decontamination



surfaces



Your partner in infection prevention and control. Enabling you to deliver better care, faster.

We are experts in infection prevention and control, providing decontamination solutions for the four key vectors of transmission; surfaces, water, air, and people.

Our knowledge and expertise have led us to create innovative products which we use to carry out effective decontamination.

With our knowledge of infection prevention and control, and our innovative hydrogen peroxide vapour and ultraviolet-C light technologies, our decontamination services are a proven, efficient, safe, and rapid means of eradicating harmful microorganisms.

We harness our technology to provide managed services and reactive assistance in decontaminating spaces, with independent validation of the efficacy of our machines carried out by leading authorities. A wealth of organisations around the world rely on our products and services to meet their decontamination needs.

The Inivos process

Our process ensures that our solutions are the best to meet your requirements.



Understand

To understand the solutions you need, we need to understand you. We analyse your data, assess your infrastructure and study your organisation to achieve the outcomes you really need.



Design

Using our analytics, we design solutions with you in mind. We ensure we understand your priorities, budget, safety and more before working with key stakeholders across your organisation to design solutions fit for your needs.



Deliver

Our tailor-made design, and analysis of your organisation, means we truly deliver. Going the extra mile makes us a confident leader in our field.

Introducing Ultra-V Connect™ Rapid decontamination

- Fitted UV-C decontamination technology
- High-intensity UV-C action for rapid decontamination
- Optimised cycle times
- Validated performance
- Auto deactivation safety sensors





Ultra-V Connect™

Ultra-V Connect is a discreet device that uses high intensity UV-C light to decontaminate surfaces effectively, efficiently and routinely. Mounted to a ceiling, it provides remote, automated and validated decontamination, making it perfect for areas which need to be disinfected routinely, such as urgent care facilities, isolation rooms and dental surgeries, where patient turnover is high.

Ultra-V Connect Process Monitor

Built to fit seamlessly alongside the rigours of any busy environment, and protected against dust and water ingress, the Ultra-V Connect Process Monitor provides easy remote access within a sleek, angled design to run all pre-configured decontamination cycles.

- Effective Decontamination
- User-Defined Custom Cycles
- Automatic and Validated Decontamination
- Fast Cycle Times
- Safe and Simple to Use

Full technical specifications can be found at the back of brochure.





Designed to meet your needs

We know infection control, but you know the specific day-to-day challenges that need to be overcome with the introduction of Ultra-V Connect.

Our team are here to help understand and identify your individual requirements to provide a designed solution that's uniquely tailored to achieve the best outcome in infection control and prevention.

Every Ultra-V Connect system is designed to be able to provide a variety of validated processes in any given room or environment. For instance, within a side room, the system can be set to have specific decontamination cycles for the whole room, the patient bed only, bed and side chair and so on. This provides excellent flexibility and can shorten turnaround times.

Locations, layout, zoning and custom decontamination cycles are then planned, mapped out and configured based on our collaborative discussions and delivered effectively in a system that does all the hard work for you.

All custom processes can be safely actioned on-demand via the wireless Process Monitor located outside of the treatment area(s).

Operator training and on-going support is provided on-site following all size of installation with scheduled maintenance and updates as part of our service agreement for added peace of mind.



understanding
your needs



designing to your
requirements



delivering your
solution



providing lasting
support

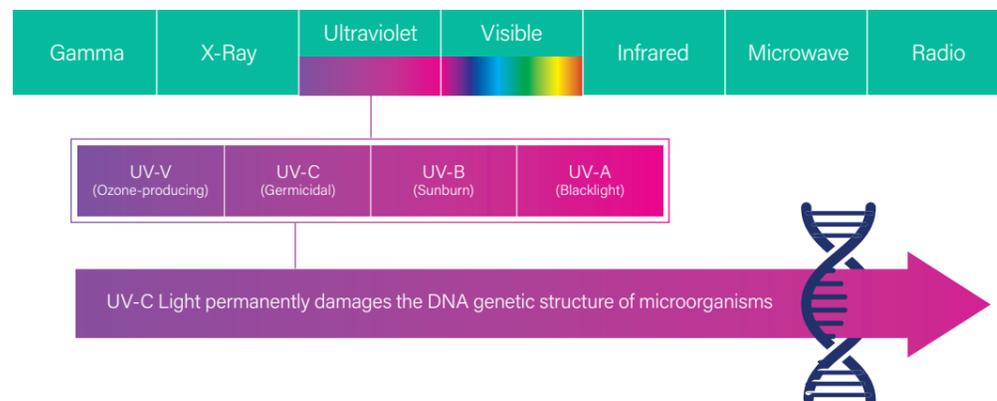


How Ultra-V Connect™ works

Ultra-V Connect decontaminates using UV-C light ray technology.

Ultraviolet light (UV-C) is a form of electromagnetic radiation, and with a shorter wavelength than that of visible light, in the range of 280–100nm, it is proven to kill deadly bacteria in water. This shorter wavelength effectively destroys the DNA of pathogens by breaking down the outer layer of the organism and destroying the genetic material within.

In a hospital setting, this results in preventing organisms that can cause HAIs, from performing vital cellular functions, thereby breaking the chain of infection.



Ultra-V Connect emits its UV-C rays via 3 single-ended, germicidal lamps. The constant UV output provided over their 9,000 hour life makes them a reliable and highly efficacious disinfection system.



Ultra-V Connect installation

Integrated Installation

Ultra-V Connect affixes to the ceiling in the room in which decontamination is desired whilst the process monitor, from which the device is operated, is mounted to the wall outside the room.

New and Old

The diverse design of Ultra-V Connect means its installation can be easily integrated into new builds or even retrofitted in both newer and older building types. Its adaptability is further exemplified in the type of fit it is able to achieve; flush to the ceiling or even suspended, to suit all room heights.

The system is powered by a single-phase power supply and multiple units can be run on a single circuit. The process monitor is also powered by the unit itself, removing the need for any additional power supply or dedicated socket. It's also robust in its design, allowing it to withstand the stresses associated with high traffic areas.



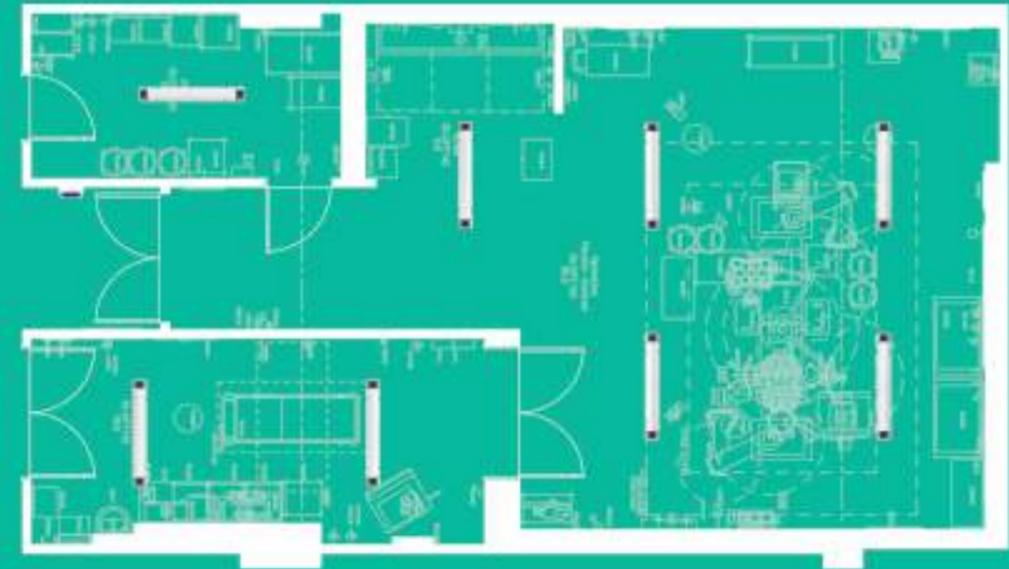


Applications

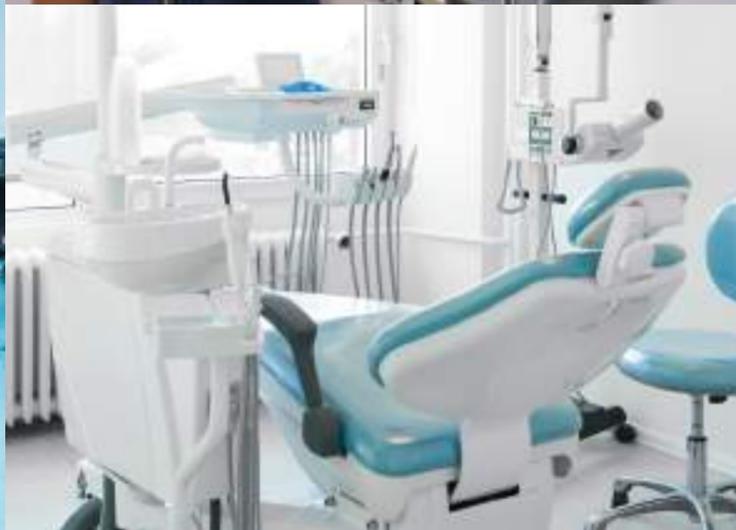
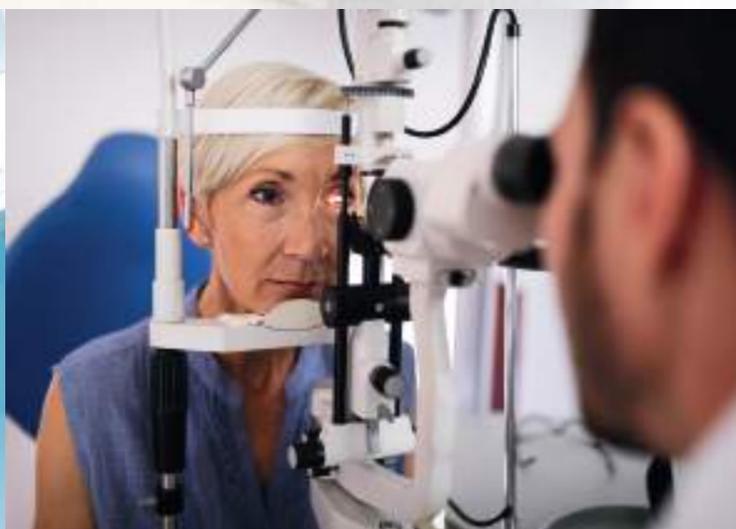
Ultra-V Connect has many diverse applications and is especially beneficial to hospital areas where a fast patient turnaround is particularly advantageous. Single units can be used for smaller areas, such as dirty utility rooms, treatment rooms or side rooms, whilst several units can be grouped for larger areas such as wards or theatres.

Assistance is provided to the best possible degree, with grouped units able to be run off either a single process monitor or many, allowing independent or collaborative control for effective use across large areas such as in multi-bed wards where decontamination of individual bed spaces may be required.

Theatre



Typical Side Room





Validated assurance

Intelligent reporting

Information on each cycle is delivered direct to your inbox. After the process has completed, an email is automatically generated that contains a report on the decontamination cycle, providing a robust audit trail and security in the efficacy of Ultra-V Connect.

Spectrome™ monitoring

Routine calibrations are a key part of our ongoing service level agreements. These calibrations ensure that the process cycle times are correct for the processes and cycles required as originally set up for each system. This ensures performance and efficacy of the systems are maintained and recorded.

Safe and simple

Reducing the risk

Thanks to its 6 integrated passive infrared sensors (PIR sensors), Ultra-V Connect can detect any entry into the room and automatically interrupt its decontamination process.

For effective safety, the PIR sensors are positioned in such a way so as to achieve full coverage of its environment.

Chemical-free

By design, Ultra-V Connect uses no chemical compounds in its decontamination, removing any potential risks and environmental problems associated with biochemical disinfection devices.

Fast and efficient

Ultra-V Connect is designed to decontaminate small rooms in as little as 8 minutes. And with no down time after the completion of its cycle, the room can be re-entered immediately.

Intuitive operation

The decontamination cycle is run from the external, wall-mounted, process monitor. The user simply presents their operator card to the NFC (contactless) reader to access the programme.

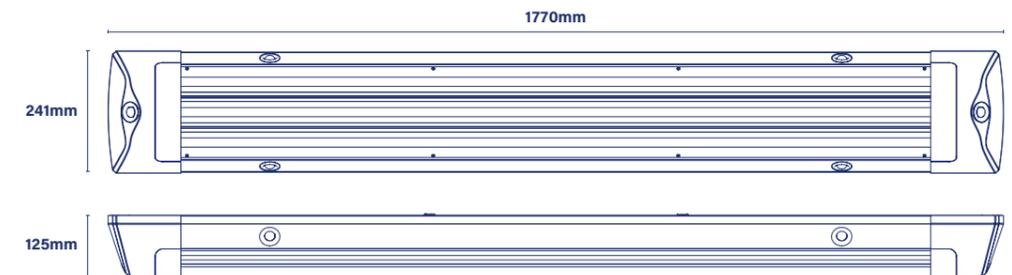
Running the decontamination cycle is then as simple as following the step-by-step instructions on the touch screen display. The USB modem allows for a wireless connection to with the Ultra-V Connect device and start the process. A connection can also be made via your building's own Wi-Fi.



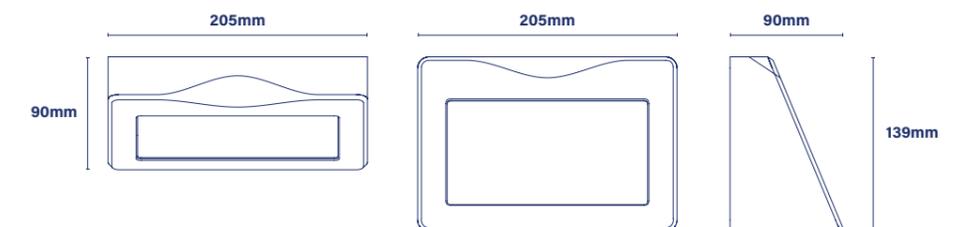
Technical information

UVC lamps	3 low pressure mercury lamps
Frequency of light	254nm
Dimensions (main unit)	1750.5mm H x 123.4mm W x 243.5mm D
Dimensions (process monitor)	139mm H x 205mm W x 90mm D
Connectivity	Wireless
Operational temperature range	0-30°C
Operational humidity range	0-95% RH
Power consumption (main unit)	429W @ 230V
Supply voltage range	230V UK // 120V AC US
Supply frequency	50Hz UK // 60Hz US
Fuse rating	3A UK // 6A US
Warranty	4 years on all equipment and accessories

Main Unit



Process Monitor





About Ultra-V™

Ultra-V Connect™ was inspired by its sister product, Ultra-V, which is a mobile unit that also uses UV-C light ray technology to decontaminate and is used by a significant number of hospitals around the world to eliminate pathogens in a diverse range of clinical areas, reducing the threat of hospital acquired infections (HAIs).

An NHS hospital study validated the processes ability to reduce infection by testing multiple touch-points within a patient area before cleaning, after cleaning and again after the use of Ultra-V.

Whilst there is a substantial reduction after cleaning, Ultra-V technology minimises the risk of HAIs considerably for the next patient/occupant.



Through the use of Ultra-V and Ultra-V Connect, we can provide patients and staff with a rapid turnaround of proven effective decontamination, without lasting residues, in both permanent and changing locations.



Inivos: Proven and Trusted

We work with experts in infection prevention and control to develop tangible solutions to genuine problems affecting hospitals. In fact, our products and services are trusted by hospitals around the world and in over 40% of NHS Trusts.

Good governance is in the fabric of our being. That's why the efficacy of our products and services are independently verified by clinical research centres and governing bodies, including Public Health England.

It's also the reason we regularly carry out our own testing, to ensure the safety and efficacy ourselves, using our intelligently designed technology and reporting methods.

A Standard Operating Procedure designed for each of our products and the training we provide to use them, ensures the safety of staff and patients alike.

We do all of this to assure quality and make Inivos a name you can trust.

To learn more about our infection control products and services,
contact Inivos at customerservices@inivos.com

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inivos.com