

Our Solution

S.A.G.E. is the Surface & Air Germ Elimination system from Violet Defense that utilizes the germ-killing power of ultraviolet light to protect spaces from harmful bacteria and viruses, using a combination of UV-C, UV-B, UV-A, and Violet-Blue light.

Designed to make disinfection easy for everyday spaces, Violet Defense offers the only known pulsed Xenon UV solution that can be installed into a room full-time, creating a continuous way to address disinfection needs in all types of settings. Unit designed to run using autonomous control using on-board controls and configuration wizard, or by integration with building automation system via BACnet.

On-Board Controls

All units come standard with on-board controls designed to configure the units into the operational mode may be selected to best meet user's needs.

Options include:

Autonomous Mode: Unit will run autonomously, activating automatically when room is unoccupied and adjusting frequency and duration of cleaning cycles based on motion detected by the sensor.

Scheduled Mode: Unit will run pre-determined disinfection cycle(s) (15 or 30 minutes) at scheduled time(s) of day. Cycle(s) will repeat every 24 hours unless power is disrupted.

Single Cycle Mode: Unit will complete single disinfection cycle (15 or 30 minutes) when unit is manually activated via power switch or remote outlet.

Units can be reconfigured as needed by connecting to the units via ethernet and utilizing the S.A.G.E. UV Programming Wizard to change operational modes and other settings.

Building Automation Integration

To make it even easier for facility managers to manage and control disinfection cycles, Violet Defense's S.A.G.E. UV products are compatible with any building automation system using BACnet protocols. With the building automation capabilities of the S.A.G.E. UV Whole Room Unit, users have the ability to adjust the following:

Operational Modes & Settings: Select operating modes, including type of disinfection cycle and related selections, such as start time, run time, and motion timeout length, which indicates how long the unit will wait to attempt re-activation after motion has been detected

System Monitoring: Monitor current status of units remotely and troubleshoot operating

Network Settings: Configure network settings and/or troubleshoot any networking issues

Metrics: Access data on the units, including number of successful cleaning cycles and runtime over specified period of time or lifetime of unit