

CHALLENGE: Create safer premises with rapidly deployable, smart, effective, detection and sanitization solutions that easily coordinate with existing building systems, access controls, teams and methods.

SOLUTION: Prevention: EDGE's automated external body temperature screening, facial recognition, mask and distancing detection systems screen for symptomatic individuals at entry points and integrate with building/premise access controls.

Disinfection: UV-C and certain other light spectrums are highly effective for disinfect surfaces, air and water. EDGE's smart UV systems coordinate with sensors and access controls for safe autonomous UV disinfection cycles. Our solutions ensure that air, surfaces and water and not people are exposed to disinfecting UV-C light. EDGE's Power over Ethernet (PoE) Bipolar Ionization disinfects ducted air and eliminates particulates such as pollen, dust and smoke; powered with low voltage PoE enables fast easy and least cost implementation.

AUTOMATED, INTEGRATED EXTERNAL BODY TEMPERATURE (EBT) SCAN w/AI

Deploy fast and accurate EBT as a first line of defense against infectious disease contamination. Advanced near-infrared sensory and AI-driven facial recognition technology provides reliable temperature assessment in seconds.

- ✓ Policy-driven automatic email & SMS notifications, and desktop push notifications to security desk/secretary computer monitors.
- ✓ Face mask detection
- ✓ Authentication for automated doors and turnstiles
- ✓ Facial recognition with adjustable recognition tolerance levels
- ✓ Customize temperature sensitivity levels
- ✓ Exportable data
- ✓ "Whitelist/Blacklist" database for facial authorization and logging
- ✓ Integrates with existing access control platforms.



New protocols are needed to restore confidence and create safe properties. EDGE DETECT body temperature/mask screening and touchless check-in solution integrates with existing base-building systems and access controls. EDGE DETECT aims to support compliance with new **NYS Mandatory and Recommended Practices**: "Implement mandatory health screening assessment (e.g. questionnaire, temperature check) for employees, contractors, and other visitors, asking about (1) COVID19 symptoms in past 14 days, (2) positive COVID-19 test in past 14 days, and/or (3) close or proximate contact with confirmed or suspected COVID-19 case in past 14 days. Responses must be reviewed and documented daily." EDGE provides system design, delivery, commissioning and after-sale support.

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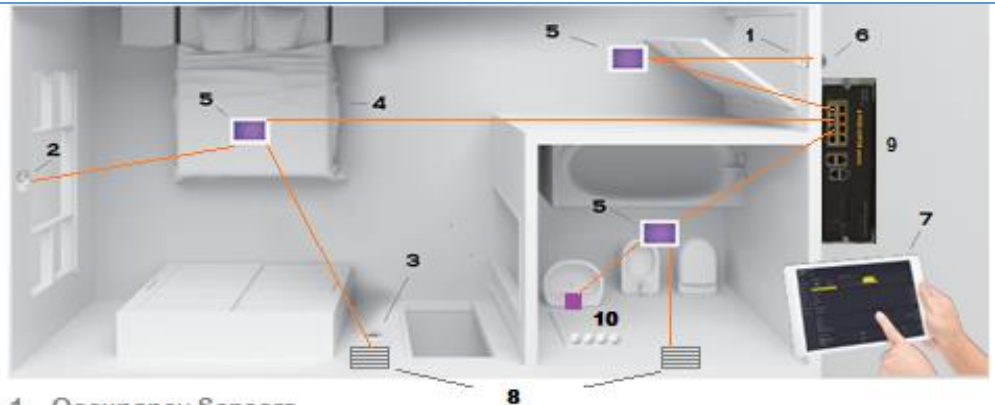
UV-C LIGHT AND ELECTROSTATIC IONIZATION DISINFECT AIR, SURFACES & WATER

EDGE MAKES THEM *SAFE* and *SMART*

UV-C SANITIZATION SOLUTIONS PLATFORM:

- ✓ Self-managing system for office, elevator, hotel room, conference areas, vehicles, lavatories, dining and food preparation, etc.
- ✓ Customizable and open architecture for simplified, use enforcement and integration with building systems, UV lights, people counters, access control, elevator controls, more
- ✓ Modular, kitted and scalable, enabling rapid design and deployment
- ✓ Property management sets policies
- ✓ For retrofit, substantial renovation and new project design.

SELF-MANAGING, UV SANITIZATION W/PEOPLE COUNTER, MOTION SENSOR, AND ACCESS CONTROL TO PROTECT OCCUPANTS



1. Occupancy Sensors
2. People Counter/Sensor
3. Present Detection Vital Signs Monitoring Sensor
4. Pressure Sensors
5. Disinfection UV-C Fixture
6. Door Sensors
7. Touchscreen Controls
8. PoE powered and network controlled air-flow sensing and Needlepoint Ionization ducted air sanitizor
9. PoE Plenum Rated Ruggedized Switch
10. UV-C water disinfect



Our powerful and flexible smart platform automates and controls the application disinfecting UV-C light. Based on your schedule and policies UV-light cycles are safely initiated to decontaminate unoccupied individual rooms and entire offices.



Initiate Safety Checks

Upon triggering, connected sensors and devices to run safety checks to ensure the room is unoccupied.



Prepare UVC Lighting

Once space is deemed unoccupied, door automatically locks from the outside, turns the indicator light outside the space red, and turns on the UVC lighting to begin the disinfection process.

Begin Disinfection Process

While the disinfection process runs, system continually scans the space to ensure it remains unoccupied. If a person is sensed in the space, the disinfection process is halted.

End Cycle

Upon the successful completion of the disinfection process, the status of the space is deemed "Clean" and all sensors, locks, and other protocols return to normal for occupant use.