



MODIS UWC-X

Smart Biosecurity Ecosystem
Health From Light

ISO 9001:2015 · CE · IP54 · NATO NCAGE: TK 763 · Mergen Aero

99.99%

Disinfection Rate
254nm UVC · IP54

**LIQUID-FREE · CHEMICAL-FREE
ZERO EXTRA LABOUR**



Restroom in UVC mode: activates automatically when unoccupied, instant LED switch on entry.

OR: UVC active between procedures, instantly switches to LED when staff enter.

LIQUID-FREE

No chemicals
No refills ever

ZERO EXTRA LABOUR

Full automation
PMS integration

254nm UVC

DNA/RNA destruction
No resistance builds

IP54

Dust & moisture
Clinical-grade protect.

2-in-1

LED + UVC
Single installation

INTELLIGENT IOT AUTOMATION

Works with Your Hospital Management System — Zero Extra Labour

Room clears → IoT schedule → UVC cycle starts automatically
Patient arrives → UVC stops → switches to LED mode
Staff detected → instant safe LED + mobile alert
Ambulance dock → GPS trigger → UVC cycle begins
Oracle Health · SAP Healtheon · Philips Tasy · more

A WARNING TO HEALTHCARE

The human cost of inadequate sterilisation:

99,000 hospital-acquired deaths per year

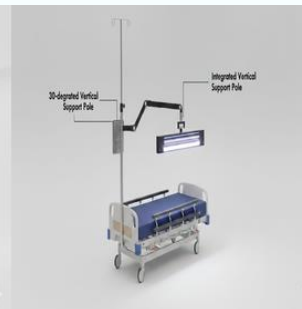
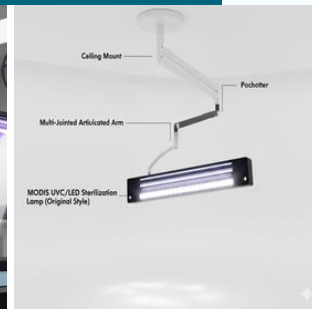
The next pandemic is not IF — it is WHEN.

Proactive protection is no longer optional — it is a necessity.

Starting from EUR 250 per unit

Cost per room per day: < EUR 0.08

Volume pricing for hospital groups & ministries





FOR HOSPITALS · 7 CRITICAL ZONES

MODIS UWC-X — Chemical-Free, Labour-Free, Medical-Grade Protection. Everywhere.

All Scales
Clinic · Hospital · Military
Every Category



Standard mode: LED lighting while patients are present

UVC mode: Full disinfection cycle activates automatically when unoccupied

01 OPERATING ROOMS

Sterile, chemical-free protocol

- ✓ Chemical-free — full sterile-field compliance
- ✓ No damage to OR electronics or equipment
- ✓ 99.99% pathogen elimination per procedure
- ✓ Angular wall mount — instant repositioning

02 ICU & CRITICAL CARE

Liquid-free — safe for life-support

- ✓ Zero risk to ventilators & monitors
- ✓ Continuous autonomous UVC cycles
- ✓ 99.99% MRSA, E. coli, Candida eliminated
- ✓ Immediate LED switch on staff entry

03 CORRIDORS & WARDS

Continuous protection 24/7

- ✓ Overnight UVC → sterile corridors every morning
- ✓ IoT scheduling, zero manual labour
- ✓ Covers up to 24 m² (36W configuration)
- ✓ Chain suspension for high-ceiling corridors

04 EMERGENCY DEPT.

Rapid decontamination per patient

- ✓ Auto cycle after every patient transfer
- ✓ High-traffic protection round the clock
- ✓ Mobile wheeled unit — floor to floor
- ✓ Rechargeable battery, cable-independent

05 RESTROOMS & SHARED

Most-overlooked link — now covered

- ✓ IoT-scheduled automatic cycles 24/7
- ✓ No housekeeping reminder needed
- ✓ Eliminates highest-risk HAI contact points
- ✓ Compact 11W unit for small spaces

06 PATIENT ROOMS

Invisible protection, zero discomfort

- ✓ No chemical odour — full patient comfort
- ✓ Bedside pole mount — precise targeting
- ✓ Auto-cycle between admissions
- ✓ App notification sent to ward nurse

LET'S BUILD A SOLUTION TOGETHER

We are ready to prepare a tailored proposal for your facility.

- ✓ Free technical assessment & on-site survey
- ✓ Pilot installation for hands-on evaluation
- ✓ Official independent test & evaluation reports
- ✓ Volume pricing for hospitals & ministries
- ✓ NATO-grade engineering — refined for healthcare
- ✓ Full IoT + HIS integration support included

From EUR 250 per unit

Clinic to Ministry-scale procurement

Rechargeable battery · Cable-independent

iOS & Android app control
Offline remote operation
Field-ready in seconds

Operational within minutes

3-in-1 Technology: Lighting, Disinfection, and Fire Safety All in One!

By integrating a **smoke sensor** into our existing sensor architecture, we have pushed the boundaries of our product. Our device no longer just illuminates and disinfects spaces—it now also functions as a fire safety station.

Furthermore, in the event of any emergency, it maximizes life and property safety by sending **instant warning notifications** directly to: **Hotel management systems, Android and iOS mobile applications.**

MODIS UWC-X · Mergen Aero · NATO NCAGE: TK 763
sales@modisuwcx.com · +90 552 818 87 26 · www.modisuwcx.com
CEO: +90 507 500 65 00 · Ankara, Turkey



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