

— PREMIUM INDOOR INSECT LED TRAP

# Smart Catch Addition LED

**Powerful attraction and  
low operating cost for indoor trapping**

Built on a #1-tier light-source system and a long-life LED (5+ years), a monthly cartridge swap lowers both labor and upkeep cost.

LONGEVITY PROOF **Long-life LED 5+ years**

#1-tier Light Source

Sustained 365 nm output

Monthly cartridge swap





# Attraction and operating economy, framed by **five core strengths**

The #1-tier light source delivers **sustained 365 nm output**, with a long-life UV-LED and a **monthly cartridge swap workflow** that lowers labor and upkeep cost — a **premium facility trap**.



**3x attraction**  
#1-tier light source with a powerful 365 nm wavelength.



**Long-life LED**  
Lower swap frequency → less day-to-day upkeep.



**Low-cost operation**  
Trim labor and maintenance overhead over the cycle.



**Monthly cartridge**  
Roughly a one-month capture cycle.



**Hygiene-friendly**  
No mercury, no ozone · safe for indoor install.

POSITIONING

**3x attraction**

SMART CATCH ADDITION LED  
Premium indoor facility trap



**3x**  
UV attraction (vs Alpha)

24시간 작동

SMART CATCH

# #1-tier premium wavelength design paired with a 10W × 3ea lamp long-run trap system

Built on a #1-tier light source system, the trap delivers **sustained 365 nm output** and a **10W × 3ea lamp module**. A white-and-silver housing blends with clean interiors while six intake slots quietly capture flying pests.



PRIMARY WAVELENGTH · 365 NM

**365** nm powerful output

#1-tier light source system — 1.0 W Radiant Flux · 120° emission angle · RoHS / Lead Free compliant

LAMP CONFIGURATION

**10W × 3ea** UV-LED lamps

Three lamps spread UV evenly across six intake slots — strong attraction with quiet operation.

SLOTS

**6**

Horizontal intake slots

HOUSING

**White · Silver**

Premium finish

WAVELENGTH

**365 nm**

Powerful single-wavelength design

LIFETIME · 55°C

**L50 65,000** hours class

Based on 55°C test conditions

POWER PROJECTION

**Long-life** 5+ years

Cartridge cycle ≈ monthly

LONGEVITY EVIDENCE

**Both the L50 65,000-hour class and the dual-condition 55°C / 85°C projection**

Source: **reference light-source test chart** provided by the LED supplier. This is sample-test data; figures should be cross-checked against certification reports.



FINISHED PRODUCT · TECHNICAL DATA

# The finished-product specs at a glance

The Innotech Smart Catch Addition LED is a finished-product 365 nm single-wavelength LED trap tuned for indoor environments.

01 · PRIMARY FOCAL SPEC

A single unit covers **+120m²** of indoor facility space

One trap covers the indoor **back-of-house** and production-line footprint.  
**Simplifies space planning** while trimming operating overhead.

COVERAGE AREA

**+120** m²

SPATIAL REACH · INDOOR FACILITY SCALE

FINISHED PRODUCT

Smart Catch Addition LED · Finished product spec

INNOTECH CO., LTD.

|                                                                                                   |                                                                                                      |                                                            |                                                                                                                 |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| POWER<br>Power input                                                                              | 100V ~ 240V · 47 ~ 63 Hz · 30 W<br>UNIVERSAL INPUT · GLOBAL COMPATIBLE                               |                                                            |                                                                                                                 |
| WAVELENGTH × LIFESPAN<br>Wavelength & lifespan<br>Single wavelength and longevity on a single row | WAVELENGTH<br>365 nm<br>Single-wavelength trap                                                       | ×<br>LIFESPAN<br>+5 yr<br>Swap cycle · Operating stability | UNIFIED · INTEGRATED SPEC<br>365 nm single wavelength × +5 years standardizes long-run facility trap operations |
| LAMP<br>Lamp module                                                                               | UV-LED 10W × 3ea<br>UV-LED LAMP MODULE × 3                                                           |                                                            |                                                                                                                 |
| DIMENSION<br>Size                                                                                 | 480 × 310 × 110 mm (W × H × D)<br>SLIM & COMPACT BODY                                                |                                                            |                                                                                                                 |
| FUNCTION<br>Function                                                                              | Indoor flying-pest control · Back-of-House ready<br>INDOOR FLYING-PEST CONTROL · BACK-OF-HOUSE READY |                                                            |                                                                                                                 |

DIMENSION

**Slim & compact body**

Hand-sized form blends into any back-office or production line



**480** mm

Product width (W)

HEIGHT  
310 mm  
Height

DEPTH  
110 mm  
Depth

POWER  
30 W  
Power draw

UNIVERSAL  
100 ~ 240 V  
Global voltage support

WAVELENGTH  
365 nm  
Single-wavelength trap

FINISH  
White · Silver  
Premium finish

LAMP MODULE

**UV-LED 10W × 3ea integrated module**

Cartridge-style swappable · 3-lamp module for stable operation

UV-LED × 3EA  
**10W**

FINISHED PRODUCT

Smart Catch Addition LED finished-product baseline · subject to change without notice | component-level data is on the [TECHNOLOGY](#) page

SPEC 04 / 07



# Easy install, long-run 365 nm operation



## EASY INSTALLATION

01

### Easy install, no construction needed

- Wall-mount slot for quick attachment
- Bubble level confirms horizontal alignment
- 100V~240V universal voltage
- Plug-in power, immediate operation

## LOW-COST OPERATION

02

### Monthly cartridge cycle, a low-cost operating model

- Sustained 365 nm output over the cycle
- Approximately one-month cartridge swap
- Rear slide-out for fast access
- Long-life LED (5+ years) eases the swap load
- Lower inspection time and labor cost

Power · Wall mount · Level check · Run

#### Four-step install process

Wall mount · level check · immediate operation · then monthly cartridge cycles and a long-life LED keep running costs low.



# Six core indoor facility environments, curated into one trap line

From corporate offices to the supermarket produce zone, medical clean rooms, and logistics warehouses, six core operating environments are arranged together for one premium indoor trap.

CORPORATE OFFICE

BUSINESS & ADMINISTRATIVE FACILITY

Corporate & admin facility

Premium trap in leased offices, shared workspaces, and customer-facing areas — runs quietly.

SUPERMARKET · PRODUCE

FRESH FRUIT · RETAIL ZONE

Supermarket produce zone

Fresh fruit counters · captures pests quietly while protecting customer flow.

CENTRAL KITCHEN

LARGE-SCALE KITCHEN

Central kitchen

Catering and central kitchens — hygiene-checked zones.

HOSPITAL

MEDICAL · INFECTION CONTROL

Hospital environment

Support facilities · infection-control operation in medical clean zones.

SAFETY ZONE

HYGIENE SUPERVISION

Hygiene supervision zone

HACCP checks · protect the flow of hygiene supervisors.

WAREHOUSE

LOGISTICS · STORAGE

Logistics & warehouse

Inbound and outbound lines — quiet capture keeps operations running.

Also deployable in fresh-retail & industrial hygiene cleaning zones



# Operations get stronger, starting with rollout consultation

Sustained 365 nm · long-life UV-LED · monthly cartridge swap — these lower the operating cost of SMART CATCH. The Innotech team responds quickly to partnerships, distribution rollout, and on-site surveys.

PHONE

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Email inquiries  
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Partnerships · quotes · A/S

COMPANY

Company info  
**Innotech Co., Ltd.**  
23 Solbat-ro, Jinju-si, Gyeongsangnam-do

REQUEST A QUOTE

## Rollout quote & consultation



INQUIRY GUIDE

Share your **facility space · expected quantity · rollout timing** — we will reply promptly.

23, Solbat-ro, Jinju-si, Gyeongsangnam-do, Republic of Korea

A PRODUCT OF  
Innotech Co., Ltd.

COMPANY CREDENTIALS

Global market  
readiness,  
certified company  
standing

Company-level certification history is  
referenced; individual model type approvals are  
not asserted here.

Key company credentials — by year obtained

8 ITEMS · UPDATED 2024



Quality · Environment  
ISO



EU conformity  
CE



US EPA registered  
US EPA



Korea safety  
KC



Japan electrical safety  
PSE



Hazardous-substance  
restricted  
ROHS



Korea conformity  
KCC



Clean & safety managed  
SAFETY

Marks reference Innotech Co., Ltd. company-level credentials · quality-management and standards-badge marks; they do not constitute automatic type approval for the cataloged models.