

RIM - SYSTEM

RYNAN® INSECT MONITORING NETWORK



RYNAN TECHNOLOGIES VIETNAM JSC.

Longtri Hamlet, Longduc Ward,
Travinh City, Travinh Province, Vietnam
Tel.: +84 2943 746 991- Fax: +84 2943 746 992
Website: www.rynan.net
E-mail: info@rynan.net

TECHNICAL SPECIFICATIONS

Dimension (W x D x H)	1.50 x 1.36 x 2.29m
Material	Stainless steel
Power supply	Battery 12V - 100Ah, solar charger integrated
Working method	Use LED light (UV, RGBW) to lure pests on wide area
Supervision method	Apply artificial intelligence to analyze pest photograph images
Communication method	4G/3G and GPS
Working environment	Temperature from 0 to 70°C and humidity from 0 to 95%

FEATURES

The system automatically identifies and provides statistics for quantities, densities and types of pests.

More accuracy with edge computing in real-time.

The system automatically sends push notifications and pest predictions through the SaaS central management software.

The system has integrated with air spray systems, automatic cleaning of insect collecting parts after an operation.

The machine learning systems can be customized to different areas and types of crops to identify new types of pests and diseases.

MANAGEMENT SOFTWARE

Free mobile application available on Google Play and App Store with the keyword **“RYNAN Mekong”**.

Monitor insects anytime, anywhere with statistics, charts, and visual photos from the system.

Management via SaaS and mobile application provided.

Supported features: export data, images, reports, download file and charts.

Classification, statistics of numbers, densities, warnings and forecast on pest status.

