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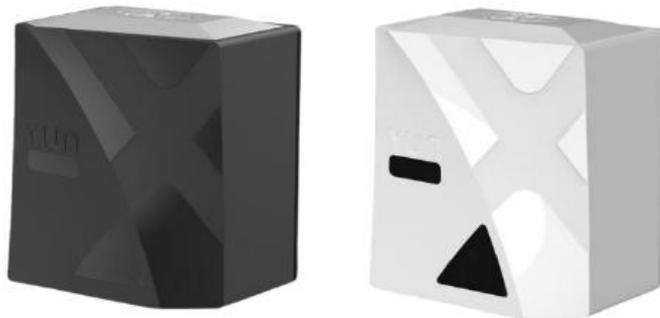
## 產品規格書

### PRODUCTION SPECIFICATION

## Vigil-X EVS

Model No. : VX0001-B (Black)

VX0001-W (White)



**Fangtec Corporation**



## Revision History

Date	Rev.	Contents
2025/11/05	V1.0	First release

## Table of Contents

1. Preface .....	3
2. Features .....	4
3. Application .....	4
4. Key Specification .....	5
5. Vigil-X APP.....	6
6. Outline Specification .....	7
7. Accessories.....	8

## 1. Preface

EVS (Event-Based Vision Sensor) technology captures critical motion changes in real-time, eliminating the delays and data overload commonly associated with traditional image processing. This ensures accurate and immediate fall detection.

Combined with Edge AI, all data is processed locally, enhancing privacy while delivering stable and real-time behavior recognition and fall alerts. This dual-layer technology provides users with both accuracy and responsiveness, maintaining reliable performance even in low-light environments.

Designed for a wide range of indoor spaces, Vigil-X can be easily installed in homes, medical facilities, and long-term care centers.

When a fall event is detected, the system instantly sends notifications, enabling rapid response and ensuring timely assistance. This intelligent solution integrates advanced technology with practical functionality, offering users a safer and more reassuring living environment.

## 2. Features

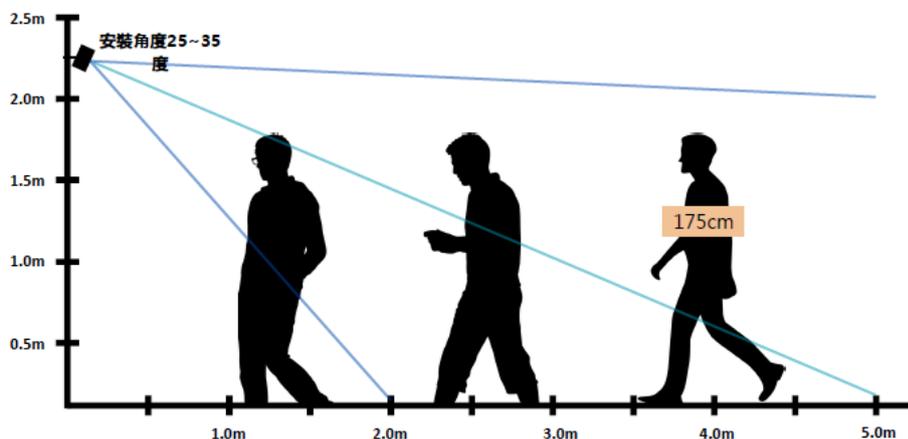
- Vigil X Contactless Edge AI Fall Detection System integrates AI and EVS imaging technology to deliver an intelligent safety solution.
- Real-time Detection: Zero latency alerts to ensure timely emergency response.
- 24/7 Protection: Provides continuous, around-the-clock safety monitoring.
- Proactive Alerts: Automatically sends notifications when a fall is detected.
- High Accuracy: Unaffected by low-light environments or bathroom steam.
- Privacy Focused: Suitable for bathrooms and other privacy-sensitive areas.
- Wear-Free Design: Contactless detection that does not interfere with daily activities.
- Ultra-Low Power Consumption: Energy efficient design reduces overall power usage.
- Multi-Functional: Sleek appearance with a built-in night light feature.
- Manufactured in Taiwan

## 3. Applications

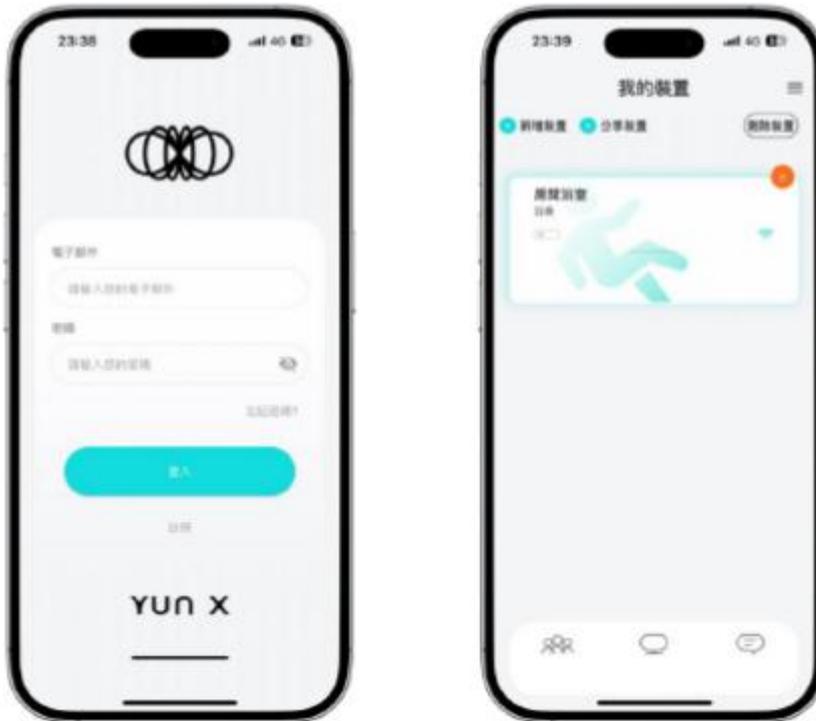
- Home Environments / Residential Areas
- Nursing Institutions / Care Facilities / Elderly Care Centers
- Medical Wards / Inpatient Rooms
- Bathroom Areas / Restrooms
- Corridors / Staircase Areas
- Community and Public Areas / Indoor Open Spaces

## 4. Key Specification

Camera Specification	
Size(LWH/mm)	80 x 76 x 52 mm
Wireless connection	Wi-Fi IEEE 802.11b/g/n 2.4GHz / 5GHz
Waterproof rating	IP65
Lens FOV	64°
FPS	130
Weight	230g
Operating Temperature	-10°C to +55°C
Power Consumption	12V 2A
Installation height	2 ~ 2.5M
Installation angle	25 ~ 35° (5 x 5 m)
Support OS	Android 10 or IOS13 以上版本
Certification	FCC、SRRC、CE、NCC、BSMI、Telec
Accuracy	>97%
False alarm	<1%
Minimum illumination	10 Lux



## 5. Vigil-X APP



### 即時推播，時刻在線的守護

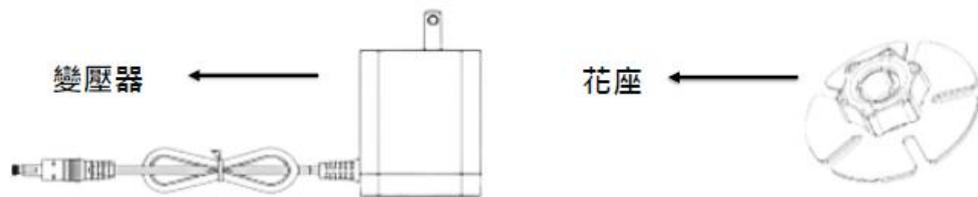
無論您身在何處，當Vigil-X偵測到跌倒狀況時，系統會即刻發出手機通知，讓您第一時間了解親人的狀況。

透過多平台串聯，讓每一位家人都能即時聯繫、互相支援，為摯愛的人提供最溫暖的陪伴。

## 6. Outline Specification



## 7. Accessories



### 產品結構

