



# Variphi

**Always Watching. Always Intelligent.**

Transforming standard cameras into intelligent surveillance systems

Powered by



[www.variphi.com](http://www.variphi.com)



[Information@variphi.com](mailto:Information@variphi.com)




+ (91) 7478021222

# Cutting-Edge AI in Vision Intelligence



We are dedicated to transforming the physical world into a safer, smarter place by harnessing the power of vision AI.

 Vehicle Monitoring




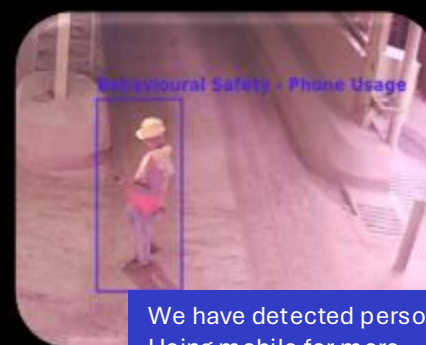
We have detected truck MHXXXXXX.

 PPE



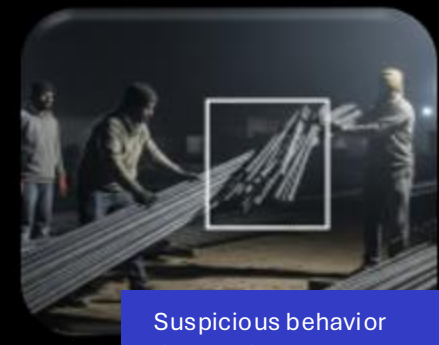
Person going for work without gloves

 Phone Usage



We have detected person Using mobile for more than 5 mins at work.

 Theft



Suspicious behavior detected, likely indicating theft.

# AI Surveillance For Industry 5.0

---



Empower your operations with advanced analytics driven by Edge Computing, designed to significantly boost productivity while maintaining the highest standards of safety for employees, assets, and workplaces.



By enabling real-time data processing at the source, this innovative approach ensures faster decision-making, enhances operational efficiency, and provides robust protection.



Safeguard your business while optimizing performance with intelligent insights that drive growth and security.



**AI-enabled Camera System**

# AI Surveillance For Industry 5.0

---



Empower your operations with advanced analytics driven by Edge Computing, designed to significantly boost productivity while maintaining the highest standards of safety for employees, assets, and workplaces.



By enabling real-time data processing at the source, this innovative approach ensures faster decision-making, enhances operational efficiency, and provides robust protection.



Safeguard your business while optimizing performance with intelligent insights that drive growth and security.



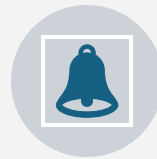
**AI-enabled Camera System**

# AI Camera System Built for Scale

---



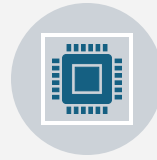
**Vision Generative Intelligence:** On-edge AI processing with AI accelerator and 24/7 local storage.



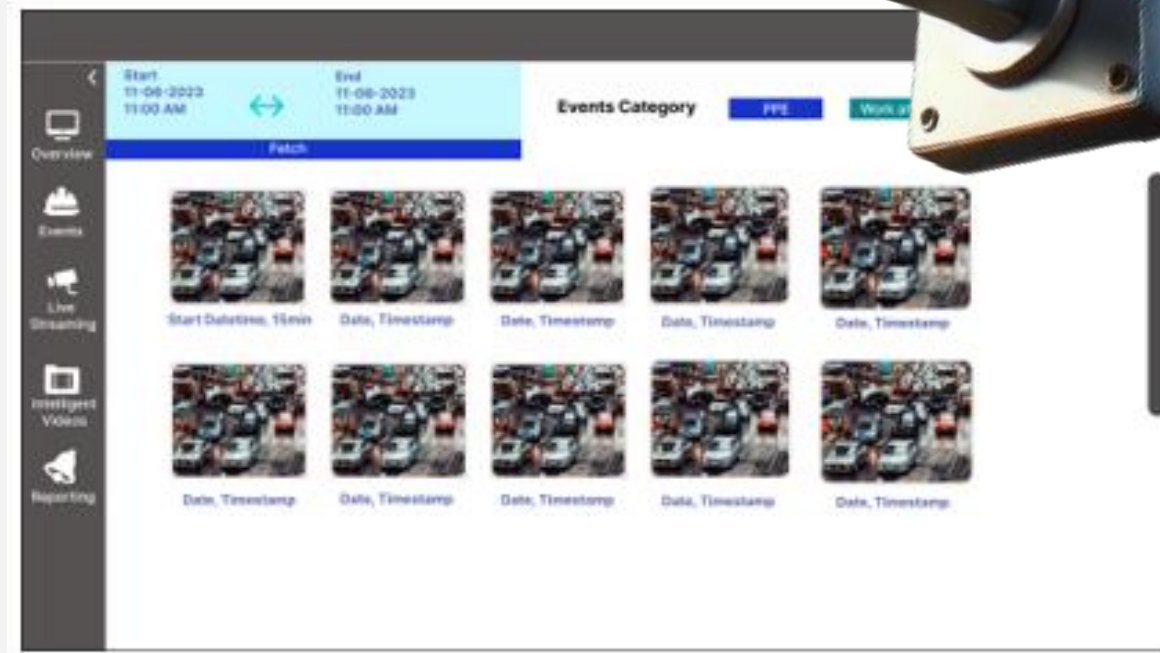
**Dashboard:** Modern, intuitive software for managing all locations from any device.



**Cameras:** High-resolution, NDAA-compliant IP cameras with support for existing setups.



**Integrations:** Effortless connectivity with access control, sensors, and POS systems



# Edge computing powers AI with enhanced efficiency

---

## Local Processing Power

- Effortless camera integration: Connect to any IP camera model.
- Uninterrupted, on-site recording: Capture footage continuously, locally.

## Cloud Flexibility

- Limitless Scalability: Easily expand to support numerous locations, users, and cameras.
- Cloud Safeguard: Securely back up saved clips in the cloud for added protection.
- Automatic Upgrades: Software is updated automatically, ensuring you always have the latest features and security enhancements.

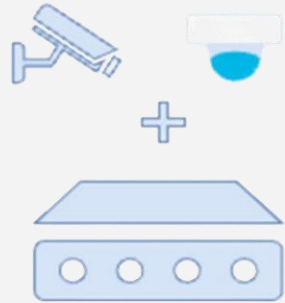
## Centralized Control

- Secure access from everywhere: Zero Trust security is built-in to protect your access and usage.



# Working Principle

---



1

## Edge Power Simplified

- Auto-connect to any IP camera
- 24/7 local recording
- AI processing on high-res video



2

## Cloud Integration

- Effortless scaling across locations, users, and cameras
- Unlimited cloud backup for saved clips
- Automatic software updates



3

## Secure Access Anywhere

- Real-time alerts
- SMS/Whatsapp Integration
- Complete video and network monitoring



# AI-Driven Security & Operations at School and University

Transforming facility security and logistics through intelligent automation

# Generative AI enabled Vision Intelligence

---

1

## Security Surveillance

Elevating Safety Standards with Vision AI in Security and Surveillance.

2

## Parking and Vehicle Monitoring

Efficiently manage parking by optimizing space utilization through intelligent video surveillance.

3

## Safety and Hygiene Monitoring

Safety compliance and AI support agents

4

## Resource and Workplace Utilization

Powered by AI to track resource usage by human and workplace,

5

## Virtual Personalized Chatbot

AI-Powered Personalized Virtual Assistant for Education.

6

## Asset Inspection

End-to-end workflows and implementation strategies

# Security and surveillance

---



## Unattended Security Gates

Monitors and flags the activities of security personnel for accountability and compliance.



## Weapon Detection

Identifies threat, weapons & immediately send out alerts



## Entry/Exit Monitoring

Detects Human Body and movement real time basis



## Unauthorized Access

Ensures workplace adherence to designated schedules and timing compliance.



## Perimeter monitoring

Secure large areas using intelligent drone surveillance



## Face/Mask Detection

Enhances safety by monitoring and recognizing individual

# Parking and Vehicle Management

Real-time monitoring through strategically placed AI cameras provides dynamic allocation of parking slots and monitoring vehicles, crucial for space management



## Parking Management

The system tracks occupancy rates, identifies peak usage patterns, and guides vehicles to available spaces through digital signage, reducing average parking search time from 8 minutes to under 2 minutes at pilot institutions.



## Stray Parking

Detects and alerts on stray or unauthorized parking to maintain order and optimize space usage.



## Access Control

AI-powered Automatic Number Plate Recognition (ANPR) cameras eliminate manual checks at entry/exit points, reducing gate congestion by up to 70%. The system automatically validates vehicles without stopping.



## Traffic Rules

Monitors and detects traffic violations within school and university premises—such as speeding, wrong-way driving, and unauthorized vehicle entry—to ensure student safety and enforce campus traffic rules.

# Safety & Hygiene Monitoring

---



Labs PPE



Slip, Trip and Fall



Unattended Objects



Fire and Smoke



Crowd, Violence & Push  
Detection



Light On/Off Status



Spillage & Garbage



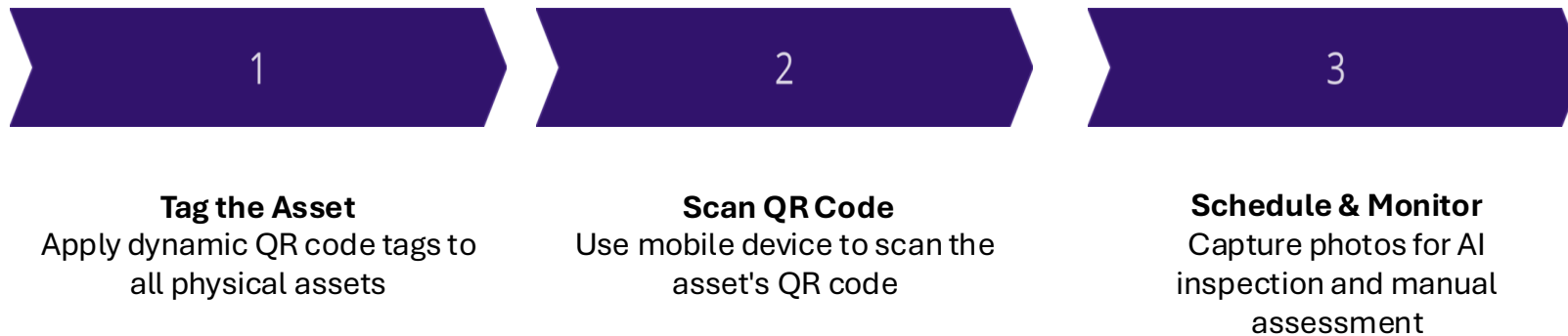
Unsafe Workplace

# Assets Inspection & Integrity

---

Dynamic QR Code Asset Management System. This innovative solution enables organisations to efficiently track, inspect and maintain their physical assets through advanced QR technology. Our system combines asset tagging, inspection processes, maintenance scheduling and inventory management into a single integrated platform designed specifically for technical asset management professionals

## 3 Simple Step Process:



**Maintenance Management:** Comprehensive maintenance capabilities include both preventive scheduling based on inspection data and breakdown maintenance response, ensuring assets remain in optimal condition throughout their lifecycle.



Real-Time Dashboard  
Insights and  
Proactive Engagement  
with AI systems.



# Overview

Modern analytics dashboard



## Primary Filters

Global filters applied to all dashboard sections

Auto Refresh

30s



From Date

23/01/2025, 02:58 AM



To Date

23/07/2025, 02:58 AM



Cameras

camera\_0100



1 selected

Locations

Aqua 1



1 selected

Quick Select Time Range

1 Week

1 Month

3 Months

6 Months

1 Year

2 Years

1 camera selected

1 location selected

Auto-refresh: 30s



1

Maintenance Schedule start

1

Maintenance Schedule stop

1

Person Detected

1

Person on Boat



3

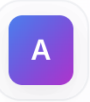
Global Search

Date Range

Status



DATE & TIME	EVENT CATEGORY	STATUS	CAMERA NAME	LOCATION	IMAGE / VIDEO	REMARKS
Jul 21, 2025 12:24 AM	Incident Triggered - Maintenance Schedule stop	UNRESOLVED	camera_0100	Aqua 1		No comments yet Add a comment...
Jul 21, 2025 12:21 AM	Incident Triggered - Maintenance Schedule start	UNRESOLVED	camera_0100	Aqua 1		No comments yet Add a comment...
Jul 20, 2025 10:51 PM	Incident Triggered - Person Detected	UNRESOLVED	camera_0100	Aqua 1		No comments yet Add a comment...
Jul 20, 2025 10:45 PM	Incident Triggered - Person on Boat	UNRESOLVED	camera_0100	Aqua 1		No comments yet Add a comment...





3



# Create New User

Add a new user account with access permissions

[← Back to Settings](#)

## Basic Information

Full Name\*

Enter full name

Contact Number\*

Enter contact number

Department\*

Enter department

## Access & Permissions

Camera Access

Select cameras for access

Email Address\*

Enter email address

Designation\*

Enter designation

WHATSAPP\_NOTIFICATION

DAILY\_REPORT

NONE

Select notification type

**Proactive AI Analysis:** Detect unstaffed zones, potential safety hazards, and other critical incidents in real-time, enabling swift issue resolution and minimizing operational bottlenecks.

**Automated Metrics Analysis:** Continuously track and compare key metrics across multiple locations, offering valuable insights to optimize operations and guide strategic decision-making.

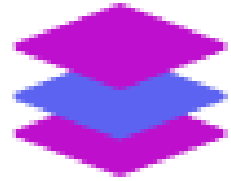
**Notifications:** Get Alerts via WhatsApp, email, SMS and VariPhi App for real-time monitoring.

Send Invite



A

**Discover why locations, from local enterprises to Fortune 500 companies, trust VariPhi Gen Innovation ( VGI ) for advanced AI technologies**



# VariPhi

VariPhi Gen Innovation 2025 leverages advanced AI camera technology to deliver cutting-edge vision intelligence solutions across diverse industries.

From enhancing security to optimizing operations, these AI-driven services empower businesses with real-time insights and smarter decision-making.

---

## Get in Touch

Visit us on <https://www.variphi.com>

**Contact:** +91 7478021222

**Office address:** 235, 2nd and 3rd Floor, 13th X Road, Indira Nagar, Bangalore  
North, Bangalore, Karnataka, India-560038

---