

VIGI Connects Communities with Reliable & Intelligent Infrastructures



▼ END-CUSTOMER GENERAL PROFILE

Name: Diversitech General Engg.
Pvt. Ltd

Industry: Manufacturing

Location: Plot no. 201 A, Pithampur
Industrial Area, Sector No. 1,
Pithampur, Madhya Pradesh 454775

▼ Used Products:

• VIGI Camera:

VIGI C340 × 24

VIGI C440 × 4

• VIGI NVR:

VIGI NVR4032H × 1

▼ BACKGROUND

Diversitech General Engg. Pvt. Ltd is a leading manufacturer of automotive seating systems, truck/bus cowl and various other components. Today Diversitech supplies seating systems and components to some of India's leading automobile companies.

▼ CHALLENGE

Diversitech General Engg. Pvt. Ltd, turned to TP-Link India, for a reliable networking solution, that would resolve the following themes and fulfill the following demands:

TP-Link Local Partner - Smart computer services

When installing a CCTV surveillance system, several challenges may arise. Here are some common ones:

Site Survey and Planning:

Understanding the Layout: Detailed site surveys are required to understand the physical layout and identify the best locations for cameras.

Coverage and Blind Spots: Ensuring complete coverage without blind spots can be challenging, especially in large or irregularly shaped areas.

Technical Considerations:

Wiring and Connectivity: Running cables through walls, ceilings, and floors can be complex and may require professional assistance.

Power Supply: Ensuring a reliable power supply to all cameras, particularly in remote or outdoor locations, can be difficult.

Network Bandwidth: High-definition cameras consume significant network bandwidth. Ensuring the existing network can handle the additional load is crucial.

Environmental Factors:

Weather Conditions: Outdoor cameras need to withstand harsh weather conditions, including rain, snow, and extreme temperatures.

Lighting Conditions: Variations in lighting, such as low light at night or glare during the day, can affect camera performance.

▼ SOLUTION

CCTV Surveillance Solutions

• Network Video Recorder (NVR)

Model: NVR 4032H

Quantity: 1 unit

Features:

Supports up to 32 channels of high-definition video input. Provides efficient video recording, playback, and remote access. Includes advanced features like motion detection, video analytics, and alert notifications. Offers multiple storage options with high-capacity hard drive support.

• Cameras:

Model: VIGI C340

Quantity: 24 units

Features:

High-definition video quality for clear and detailed footage. Suitable for indoor and outdoor installations. Equipped with night vision capabilities for 24/7 surveillance. Supports wide dynamic range (WDR) for optimal image quality in varying lighting conditions.

Model: VIGI C440

Quantity: 4 units

Features:

Advanced 4K resolution for ultra-clear video. Enhanced low-light performance for superior night-time surveillance. Equipped with smart features such as facial recognition and object detection. Weather-resistant design suitable for harsh outdoor environments. Additional Components and Considerations.

• Storage Solutions:

High-Capacity Hard Drives: For reliable video storage in the NVR. Network Attached Storage (NAS): For additional storage and backup, if required.

• Power Supply:

Power over Ethernet (PoE) Switches: To power the IP cameras through the Ethernet cables, simplifying the installation process.

Uninterruptible Power Supply (UPS): To ensure continuous operation during power outages.

• Network Infrastructure:

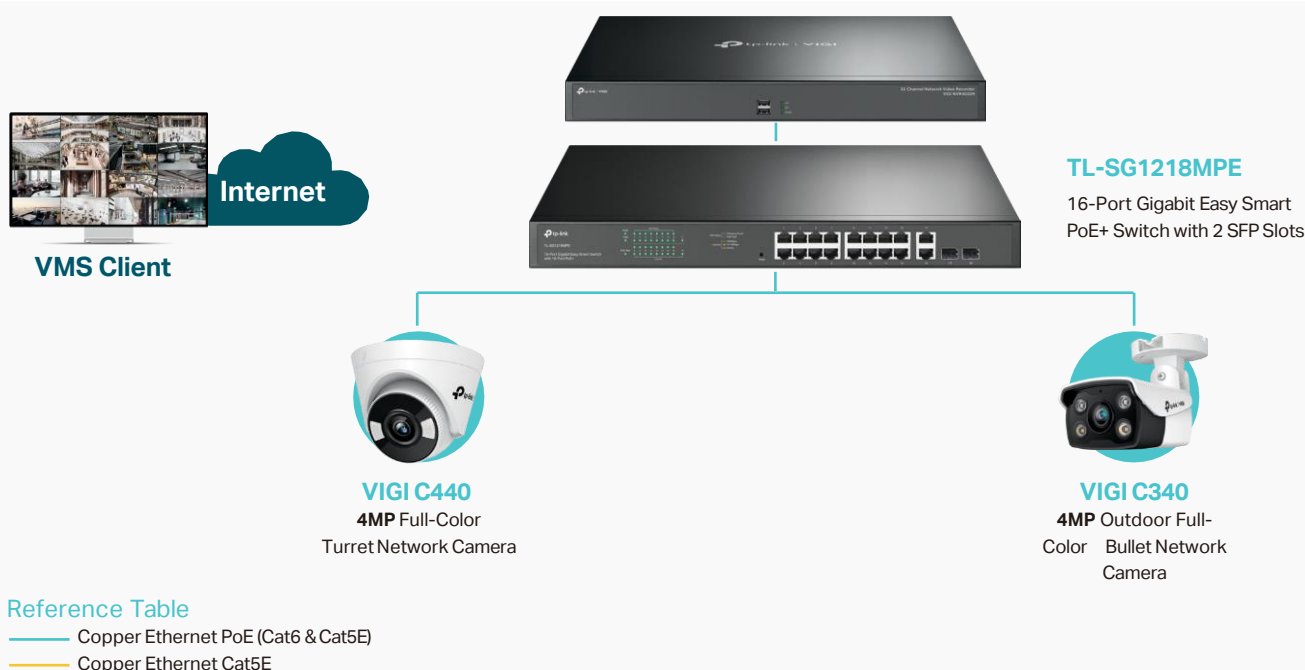
Ethernet Cables (Cat5e/Cat6): For reliable network connectivity.

PoE Injectors: If additional power sources are needed for the cameras.

• Software and Management:

Omada Controller: For centralized management of the surveillance system.

Monitoring Software: To facilitate real-time monitoring, playback, and management of recorded footage.



The Solution Topology of Diversitech General Engg. Pvt. Ltd
For distributed network

▼ BUSINESS RESULTS

- **Comprehensive Coverage:** The NVR 4032H supports up to 32 channels, providing extensive surveillance coverage across all critical areas. With 24 VIGI C340 cameras and 4 VIGI C440 cameras strategically placed, we have achieved comprehensive monitoring of the entire premises.
- **High-Quality Footage:** The high-definition video quality of the VIGI C340 and the ultra-clear 4K resolution of the VIGI C440 cameras ensure detailed and precise monitoring, enabling us to capture clear images and videos for better identification and analysis.
- **24/7 Surveillance:** The night vision capabilities of the cameras ensure continuous monitoring, even in low-light conditions, providing round-the-clock security and peace of mind. Operational Efficiency.
- **Centralized Management:** The Omada controller facilitates centralized management of the entire surveillance system, streamlining the monitoring process and allowing for quick response to incidents. This has reduced the time and effort required for surveillance management.
- **Real-Time Alerts and Notifications:** The advanced features of the cameras, such as motion detection and real-time trigger alerts, enable immediate response to potential security threats. Customized notifications ensure that relevant personnel are promptly informed of any suspicious activities.
- **Improved Incident Response:** With high-quality footage and real-time alerts, our security team can respond to incidents more effectively. This has led to a reduction in response times and an improvement in overall security management.
- **Reduced Theft and Vandalism:** The visible presence of high-quality surveillance cameras acts as a deterrent to theft and vandalism, leading to a decrease in such incidents and associated costs.
- **Lower Maintenance Costs:** The reliability and durability of the VIGI cameras and NVR have reduced the need for frequent maintenance and replacements, resulting in cost savings over time.
- **Enhanced Productivity:** The centralized management system and efficient monitoring tools have allowed our security personnel to focus on more critical tasks, improving overall productivity. Customer and Stakeholder Confidence
- **Increased Trust:** The enhanced security measures have increased the confidence of our customers and stakeholders, knowing that their safety is a top priority. This has positively impacted our reputation and business relationships.



"We are very satisfied with the VIGI products and are installing them in our sister companies. We have already given order from Indus Technologies, and Delolite Industries will be processed later "

—Mr. R.SModi (Director)

▼ **Related Recommended Products**



VIGI C440



VIGI C340



VIGI NVR4032H