



Guardian VIP Rapid Deployable Security System

Secure Wireless Video Security System Designed for the Protection of Travelling VIPs

The Guardian VIP is a system that can be quickly installed in situ to protect travelling VIPs.

Wireless video camera nodes are designed to blend in with the surrounding environment, disguised as items commonly found in hotels and apartments.

Camera nodes link back to the operator's Base Station and laptop, where all video feeds can be monitored on a video player software application.

At the core of the system is a digital Mesh radio network, which allows encoded video to be exchanged between the camera nodes in a fluid and self-healing method.

The system also records video and raises alarms in the event of motion or light level changes. Alarm alerts form part of the video player application, which is able to display video feeds from up to eight camera nodes.

The system also features a VIP panic button. Once the VIP presses the button it raises a high priority alarm with the operator.

There is also the facility to integrate the hotel's in-house CCTV surveillance into the system.

All aspects can be run on battery power, with the operator's Base Station supporting battery charging.

The entire system packs away into a single flight case.

A selection of different camera concealments are available on request.

Guardian VIP is available in a range of frequencies including:

- UHF: 390MHz
- LBand: 1 to 1.5GHz
- SBand: 2 to 2.5GHz

Overview

Fast and Simple Installation

Independent Self Contained System

Multiple Secure Video Feeds

Trigger Alarms

Key Fob VIP Panic Alarm

Central Monitoring Point

Choice of Frequency Band

Configurable System

System Fits into a Single Flight Case

Pan, Tilt & Zoom Cameras

Remote PTZ Controlled Cameras

Ceiling Camera Mounting Kit

Battery Powered

Video Player Software Application

System Diagnostics Support

Fully Supported Software Upgrades



The CCTV style ceiling mounted camera node shown on the left is designed to blend in with a hotel's environment.

The PTZ node shown on the right features remote controlled pan, tilt and zoom capability. Zoom is achieved through the switching of four cameras, each of which has a different fixed focal length.

All nodes communicate on the same Mesh wireless video network and run on battery.



Specifications

Frequency Options	UHF: 390Mhz L-Band: 1 to 1.5GHz S-Band: 2 to 2.5GHz	Concealment Types	CCTV dome or PTZ node. Others on request
RF Power and Bandwidth	100mW 5MHz	Node Alarms	Motion, light level and closed contact relay
Modulation	COFDM Mesh	Camera Type	2M pixel HD camera
Range	Frequency dependant. Typically 100m non-line of sight between nodes	Light Level Sensitivity	0.1 Lux on CCTV node 0.008 Lux on PTZ node
Panic Alarm RF	915 MHz	Encoding	RTSP Stream H.264
Encryption	ABS or optional AES128 or AES256	Battery Capacity	3200mAH, 6 hour duration

Packed case containing a complete system, all fitted into a rugged foam lined Peli flight case.

System components are configurable to suit the particular requirements of each customer.

Weight of the system shown here is 26KG.



The system shown here contains:

- Operator's laptop
- Base Station
- CCTV nodes x 3
- PTZ node
- Batteries x 8
- Antennas
- VIP Panic Alarm
- Power Supplies
- Mounting Plates
- Interconnect Cables

Visual Engineering Technologies LTD

Kemps Farm
Stanway
Colchester
Essex
CO3 8NB
UK



Tel: +44 (0)1206 211842
Web: www.visualengineering.co.uk
Email: sales@visualengineering.co.uk