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HV1—Rapid Deployment Video Surveillance System

The **HV1** is designed for rapid deployment covert surveillance applications and can be deployed in environments as diverse as a vehicle or concealed in a field. It includes a number of innovative features in terms of wireless communications, recording and replay functions, GPS tracking and power management.

The HV1 is ideal for rapid deployment covert video surveillance applications and differs from the majority of other portable CCTV deployment solutions due to a number of innovative features:

Key Functionality

- 12vDC and mains power via a PSU unit. Battery power allows it to be deployed remotely and quickly in areas with no available power. Integrated tracking unit provides remote on / off activation of HV1 via CP2 software.
- Rapid booting system with full recording mode within a few seconds of power on. Especially useful for long period deployments, running on battery power and switching on and off when triggered by remote sensors.
- Low power consumption for longer recording time on battery packs.
- Battery powered RF wireless cameras allows the complete system to be deployed on battery power only. The majority of deployment systems have to be continuously powered, thus limiting their running time on batteries and giving rise to the danger of the installation being compromised as personnel have to change batteries every 24 hours or so.
- Although a digital recording system, the HV1 has been specifically designed to be operated without the need for software or laptops to interrogate it. There is a simple push button control panel to offer simple and effective operation.
- The majority of the digital recorder marketplace requires a PC and software to display the recorded footage. The HV1 fast downloads to an integral CD with the ability to view the recorded footage on a PC without specialist software
- The HV1's cameras can be selected according to the customer's requirements in wired and wireless format allowing total flexibility in its operation.
- GSM remote access is provided by a 4 channel CCTV camera server allowing remote access to 4 live camera views.
- Security monitoring and tracking via T1 GSM/GPS tracking unit in event HV1 is moved. Tracking via internal T1 battery.
- Recording Times:

HDD Size	1 Camera	4 Cameras
250 Gbytes	7 days (168 hrs)	3.5 days (87.5 hrs)

Times listed are in 24 hr recording days, frames are split between the total numbers of cameras on the system.

Hidden Technology Systems International Ltd

Unit C5, Star Business Centre, Marsh Way, Rainham, Essex, RM13 8UP, United Kingdom

Tel: +44(0)1708 631 333 Fax: +44(0)1708 631 444

Email: info@hiddentec.com Web: www.hiddentec.com



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HV1—Functional Specifications

HTSI Stealth DVR (HV1)

Black Rugged IP67 Case containing:

- 4 channel video
- Recording Rate: 25fps at 720x 576 pixels; 100fps at 360x 280 pixels
- 2 RF channel receivers and antennae. (Optional RF encryption for wireless cameras)
- 1 to 4 hardwired camera capability
- Integral 7" LCD Screen for local live view and replay
- Output to separate screen/VHS recorder
- Removable Hard Drive 250GB storage
- Network connection to optional PC unit
- 5 amp mains PSU
- Timer/Switch on circuitry from Radio PIR device
- Sleeper Circuit (wake up on PIR movement detection for battery saving)
- 1 x Radio PIR Units (battery powered)
- 4 channel GSM video server with antennae
- 1 Colour water proof bullet camera with 0.01 lux Day and Night Mode
- 2 B/W waterproof bullet cameras with 0.02 lux low light level
- Night time infrared 940nm invisible illuminator
- Rechargeable battery pack for RF transmitters and illuminator
- 1 x covert miniature pen type RF transmitter
- 1 x Water proof RF transmitter
- PIR remote alarm notification via T1 tracking unit to CP2 software
- Fitted with T1 GSM/GPS tracking unit for security and monitoring, including battery backup. 2 Object CP2 Light software and mapping application provided.
- Size is: W 51cm x D 44cm x H 22cm. weight 15.2Kg. All approximate and minus antenna and any portable power packs.
- 2 x 100ah gel battery packs in carrying cases (Optional battery life saver increases charge – discharge life)

The HV1 unit is supplied in a black IP67 specification case with black internal panels, fully commissioned and tested.

This case can record, display and offer full search functionality.

In the event that the removable hard drive unit needs to be taken from the case and replayed elsewhere, separate to the DVR case, there is the option of using a office based replay and CD recording unit.

For monitoring and security the HV1 is equipped with a T1 GSM/GPS tracking unit and controlled

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