CTC-1923 Series GSM/GPRS V-Alarm System

Keep an eye at home

CTC-1923 Series is a **GPRS/GSM Wireless V-Alarm System** that offers **Video Verification** & **Remote Look-In**. Instant alarm scene images will be captured for you to check and verify what is happening in the premise.

CTC-1923 Series supports up to **6 battery-operated Vesta cameras** which features both **PIR Motion Sensor** and **Image Capturing**. When an alarm is triggered, 3 images will be captured with time stamped. The event code & images are reported to the mobile phone, email box or FTP server of the user and the Central Monitoring Station.

Image at your request

While you are away, authorized users may send a SMS text message to the Vesta to request for a real-time snapshot. Once authenticated, the Vesta will respond by sending back an image to the user's mobile phone. This direct access guarantees instant response and guards your privacy.

Powerful security system

This series supports up to 6 Vesta cameras and 80 standard wireless peripherals for 2 designated areas – an all-around solution for your home security**!** It also provides various choices such as GPRS, GSM, SMS, MMS, Email, Two–way voice reach, Intercom, and Voice reporting to suit different applications.

Features:

- Advanced touch keypad design
- Fast deployment
- Complete wireless solution, for residential and small business applications
- A total of 80 zones (40 zones in 2 areas or 80 zones in 1 area)
- Up to 6 Vesta cameras
- Arming modes: Away / Home / Day Home / Night Home
- Alarm event reporting:
  - Standard CID report over GSM
  - Modified CID report via SMS(Text/CID)/GPRS (over TCP/IP protocol)
  - Image report through MMS/Email(MMS)/FTP over GPRS
- Remote Control of system activation and camera image requests, using authenticated SMS commands
- Advanced Image wireless link:
  - 2-Way supervised radio network, supervision every 30 minutes
  - AES encryption key
  - 2.4Ghz DSSS (Direct-Sequence Spread Spectrum)
- Tamper detection protects the unit from unauthorized opening and removal
- 1 relay output, NO/NC programmable, with capacity of 1A
- 1 relay input, NO/NC programmable
- 12V DC input for external power source
- A user-friendly 16 x 2 characters backlit full text LCD display
- Multiple user codes (Master, 6 User Codes, Duress Code and Temporary Code) ensure the ultimate security in today's lifestyle
- 255 time stamped event logs
- EN50131 Compliant

Specifications:

- Quad band GPRS/GSM communication (850/900/1800/1900)
- Image transmission: MMS/Email (MMS)/FTP server
- Wireless transmission channel: 2.4GHz, DSSS, AES encryption
- Alarm output: 104db @ 1M
- Power: 12V DC 1A
- Back up battery: 1600 mAh Ni-mH rechargeable battery x 6
- Battery back up time: 7 hours
- Frequencies: 433 MHz / 868.6375 MHz Narrow Band FM / 868.35 MHz FM
- Range: 433 MHz: Over 200 meters in open space

  868.6375 MHz Narrow Band FM or 868.35 MHz FM: Over 300 meters in open space
- Dimension: 255 x 172 x 39.6 mm

CTC-1923 Series Overview

- ### CTC-1923

CTC-1923 is a **standard GPRS/GSM Wireless V-Alarm System**.

- ### CTC-1923S

CTC-1923S is a **GPRS/GSM Wireless V-Alarm System with an add-on feature of two-way voice**. With built-in speaker and microphone, it allows for two way conversation through the call-back and call-in functions. Two-way voice communication with the Central Monitoring Station ensures that your emergency issue is handled properly.

- ### CTC-1923I

CTC-1923I is a **GPRS/GSM Wireless V-Alarm System with an add-on feature of two-way voice intercom**. Distinguished from CTC-1923S, there is no speaker and microphone built in the 1923I. Yet, 1923I can be used with KP-18I (Remote Keypad with Intercom) or CTC-809 (Voice Satellite), both of which have built-in microphones and speakers, allowing you to communicate with the remote monitoring personnel directly. Merited by this, the control panel can be installed in a more inconspicuous place, while the KP-18I or CTC-809 can be located at user's convenience, eg. the hallway. The flexibility of communication is expanded and the security is more tightened without exposing your control panel to risk whenever an intrusion happens.

- ### CTC-1923V

CTC-1923V is a **GPRS/GSM Wireless V-Alarm System with an add-on feature of voice reporting**. The voice reporting enables the system to call you and deliver a voice message if an alarm happens.

- ### CTC-1923VS

CTC-1923VS is a **GPRS/GSM Wireless V-Alarm System with add-on features of voice reporting and two- way voice.**

- ### CTC-1923VI

CTC-1923VI is a **GPRS/GSM Wireless V-Alarm System with add-on features of voice reporting and intercom**.
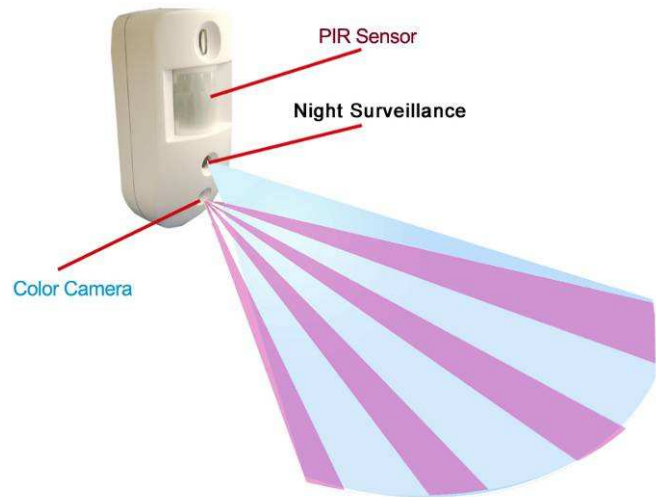
Vesta Camera CTC-852

Intuitive and innovative – A battery-operated PIR motion sensor combined with a high-quality VGA and rapid image acquisition color camera

Vesta camera is plug-n-play and requires no technical knowledge to setup. No adjustment or alignment is required.

An advanced **authenticated two-way encrypted wireless link (2.4GHz, DSSS)** is to ensure excellent indoor coverage and the transmission of High Resolution Color VGA images. These vivid color VGA images deliver the alarm scene in full detail, allowing you to respond immediately.

Featuring a **Sleep Mode** to be entered in disarm mode, it conserves energy and ensures long battery life.

Features:

- Easy plug-n-play installation
- 3 images upon alarm event with Pre-, Alarm and Post-Alarm
- 1 image upon remote image request
- Night surveillance up to 5 meters
- Low power consumption
- Long battery life
- High resolution color VGA images
- Secure & long RF range

Specifications:

- PIR detection range: 10 meters
- PIR (horizontal) detection angle: 120 degree
- Camera (horizontal) viewing angle: 60 degrees
- Lens: VGA CMOS camera, JPEG 320X240, less than 15KB per image
- Frequency: 2.4 GHz DSSS, 2-way supervised
- Battery: AA 3.6V lithium battery X 2
- Battery Life: 3.3 years (3600 images)
- Dimension: 99 x 48 x 43.3 mm

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