

# SuperSleuth Minder System



## OVERVIEW

The SuperSleuth Minder System is based on the SuperSleuth Wise intelligent camera. The primary advantage of the Minder System is the ease of installation as no cabling or power is required. Battery life is expected to be approximately 2 years for the standard system with PIR and key switch.

The Minder is entirely self contained which makes it easy to transport from one location to the next, as required. The system will detect any intrusion and snap images with time and date. Up to 500 images are stored in the camera. When alarmed, it will send the alarm image to a SuperSleuth Receiver, with the GSM option. The stored images can also be downloaded to a computer, on site.

An optional SuperSleuth Receiver service is available to respond to an alarm by sending an MMS alarm image or SMS to a designated mobile phone. An email will also be sent if required.

The SuperSleuth Minder is ideal for the monitoring of building sites and vacant properties that are for sale or lease. It is also suitable for outdoor surveillance.

## **Technical**

When the SuperSleuth Minder is installed and activated, there is an exit delay. Thereafter, the passive infra-red device monitors any intrusion. On detection of an intrusion, the IR lighting and SuperSleuth Wise is powered on and Wise analyses the movements in the specified area. On confirmation of movements, it starts taking images with time and date.

The incidence of false alarms is negligible as any alarm is first detected by the PIR based on body heat and then confirmed by video motion detection with the SuperSleuth Wise camera. If video motion is not detected, the Wise camera goes back into the sleep mode to conserve power.

On entry, Wise is programmed with an entry delay. If the system is not disabled within the entry delay time, the alarmed images will be transmitted.

Note that the database will hold images of all entries made. This may be useful for access identification if required. The images are stored in the rotating database in the camera but not transmitted.

The cable joining the key switch to the system is tamper proof. Cutting or shorting the cabling will activate the system. A remote control version is also available, but battery will be compromised. The sealed lead acid battery is re-chargeable but should last over a year under normal operation.

## **Applications**

The Minder System is ideal for the monitoring of building sites and vacant properties where the incidence of theft and damage is high. It is also ideal for holiday homes and storage sheds.

For general surveillance, especially in public spaces where power is not available, the Minder can be programmed with a timer to collect images at specified times.

## **Power consideration**

When the PIR detects motion, the Wise and IR lighting are turned on for a period of 10 seconds (the entry delay time). If no video motion is detected, the Minder switches the power off. On detection of motion, Wise will dial-up and transmit the alarm image. When all images are transmitted, Minder then switches the power off. The battery life is extended with less activated cycles as most power is consumed when the camera and IR lighting are on.

**The battery life of Minder is typically over 1 year depending on access. It is recommended that battery changeover be carried out every half a year.**

## **Specification**

Minder System comprises:

1. SuperSleuth Wise camera
2. IR illuminator
3. PIR
4. Key switch
5. 12Volt 7AH Battery
6. External charger
7. Minder circuit board/cabling
8. Indoor Housing
9. Direct connection cable
10. Optional GSM modem

Other custom designs with separate PIR, wireless remote control and outdoor housing are available.

### **Alarm Image Storage:**

Up to 500 colour alarm images, arranged in a rotating database

### **Image formats:**

256 x 256 colour

### **Angle of view:**

35 degrees

### **Power consumption:**

12V DC 7AH Sealed Lead Acid battery  
SuperSleuth Wise 150mA max, 50mA typical  
IR illuminator 250mA max, 100mA typical  
Standby mode 60uA  
PIR  
Typical operation 1 to 2 years  
Recommended battery changeover half a year

## Ordering information

### Minder System components:

- |  |           |
|--|-----------|
| 1. SuperSleuth Wise – M<br>with 35 degrees clear lens, direct cable,<br>WinSSR receiver software and manual. | WISEMCL   |
| 2. Infrared Illuminator  | WMIR      |
| 3. Minder control circuit  | WMPCB     |
| 4. 12V 7AH Battery   | WB12-7    |
| 5. Battery Charger (external)  | WCH12     |
| 6. Indoor housing  | WMIH      |
| 7. Key switch  | WMK       |
| 8. Low power PIR   | WPIR      |
| 9. GSM modem   | WGSM-WSAM |
| 10. Outdoor housing  | WMOH      |
| 11. WARNING Sticker  | WWS       |

Standard Minder System  
for indoors with key switch, comprising items 1 to 8

WISEMSYS

Standard Minder System  
for indoors with key switch, and GSM transmission  
comprising items 1 to 9

WISEMSYS-GSM

For outdoor housing, consult factory.

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It must be noted that the successful operation of SuperSleuth Minder is dependent on many factors, including battery reliability, electronic failures, GSM modem, mobile network, signal strength, email, service providers etc. Whilst all care has been taken, The Dindima Group Pty Ltd is not responsible or liable for the performance of SuperSleuth Minder.

We reserve the right to change the design and specifications without notice.

Designed and Manufactured in Australia by

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