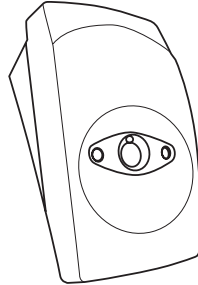


# Security Camera

## Quick Start Guide

**5480DCSD**



**N13734**

The Clipsal Digilant 5480DCSD is a state of the art digital security camera that captures high-resolution colour images when motion is detected within its field of view.

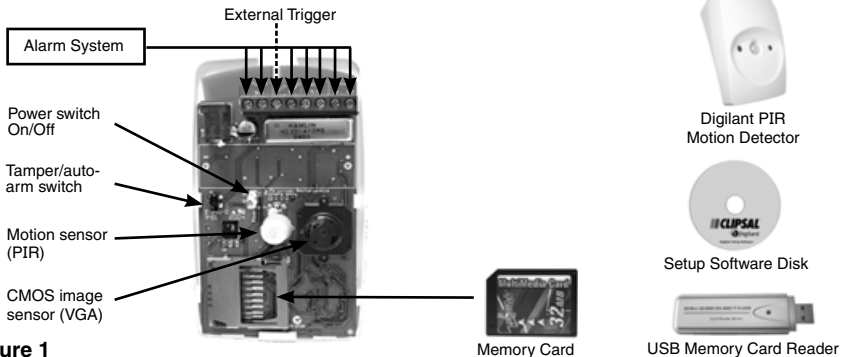
The images are stored on a removable memory card for easy viewing on a computer or PDA. The camera can also be externally triggered from a window, door opening etc.

Depending on the selected resolution and memory card size, the camera can store up to 65,000 images.

The Digilant security camera is a low cost alternative to CCTV systems and is ideal for detecting intruders in the home, office or retail shop, by simply connecting it to existing alarm systems.

To complement the Digilant security camera in alarm systems, the 5480DPIR Digilant motion detector can also be used. Its appearance is identical to the range of Clipsal Digilant Security Cameras and can thus be used as a drop-in replacement for existing PIR motion detectors to ensure visual continuity where cameras are not required in all monitored areas. The combination of identical looking cameras and PIR detectors on a security system can deceive intruders and prevent the cameras being vandalised during a break-in.

### Camera and Optional Accessories



**Figure 1**

# Getting Started

## Installing the camera

1. Unpack the camera and remove the front casing of the camera by holding the rear case and lifting the attachment clip located at the top.
2. Ensure that the **YELLOW** power switch is set to off (switch down)
3. The camera is for indoor use only. Choose a suitable mounting location that has a good view of the area that will be monitored. To achieve the best image quality, ensure the area is well lit and any ambient light (i.e. windows) is behind the camera.
4. Remove the circuit board from the rear case by gently spreading the side clips and lifting the top of the board.
5. Feed the alarm system wires through the wiring inlet in the rear panel housing and connect to the camera according to one of the wiring diagrams on Page 4. If it is not possible to connect an 'arm' output from the security panel to the camera, the tamper/auto-arm switch can be wired to automatically arm the camera when the front cover is replaced (see figure 3 d). In this scenario, the switch cannot be used as a tamper.
6. If the camera is to be triggered by an external source such as a door or window, wire either a N/O or N/C switch between 0V and the External trigger input on the camera (see figure 3 d). The motion sensor can be disabled and the switch polarity configured via the setup software if required.
7. Attach the rear case to a wall using either the flush mounting screw indents or bevelled edge mounting screw indents.
8. Replace the circuit board into the rear case by sliding the bottom of the circuit board in first. Slide one side of the circuit board under one of the side latches, then gently push down on the other side.
9. Insert the memory card into the camera and turn on the power switch. The status LED will stay orange for 5 seconds while the camera configures itself and captures a test image. The image is called **STARTUP.JPG** and is stored on the root directory of the memory card.
10. To view this image, remove the memory card, insert it into the USB memory card reader connected to your computer and open **STARTUP.JPG** with the camera viewer or any JPEG enabled viewer.
11. Configure the camera (see next page), re-insert the memory card and replace the front cover.

## Installing the Software

Insert the CD into your computer. If the installation program does not automatically begin, run **setup.exe** from the CD. A shortcut to the **Digilant Setup** software will be created on your Desktop and under the 'Programs/Digilant' directory in your Start Menu. A complete user manual can be found on the CD under the User Manuals directory.

Alternatively, the camera can be configured by a PDA with the optional Digilant PPC setup software.

## Configuring the camera

1. Remove the memory card from the camera and insert it into the memory card reader on your computer or PDA.
2. Run the configuration software by double clicking the Digilant Setup icon on your desktop.
3. Select the **Configuration** option and press the **Continue** button.
4. Locate the SETTINGS.TXT file on the memory card (eg Removable disk E:) and click **Open**.
5. Choose your desired settings and be sure to set the time and date if you have not done so since powering up.
6. Click **Save** and exit the program.
7. Remove the memory card from the memory card reader and insert it into the camera. The status LED will stay **orange** for approximately 5 seconds while the camera configures itself and captures an image.
8. The camera is now ready to be armed by the security system or the Auto-arm switch when the front cover is replaced.

**NOTE: If the power switch is turned off, the camera will lose the time & date and will revert to the default of (2000-01-01). The time & date in the settings file must then be reset using the setup program.**

## Using the camera

When the camera is not armed, the status LED will flash **green** for one second each time the motion sensor or external trigger are activated.

When the camera is armed, the LED will flash **red** for one second each time the motion sensor or external trigger is activated. **Caution: Do not remove MMC while the camera is armed!**

## Memory Card Compatibility

The camera is designed to interface to a MultiMediaCard (MMC) with a FAT16 file system only, not SD cards! Although SD cards can operate in an MMC mode, they will not function properly with the camera.

## Camera Terminal Block Description

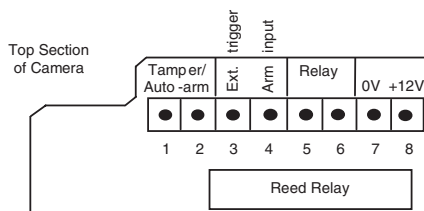
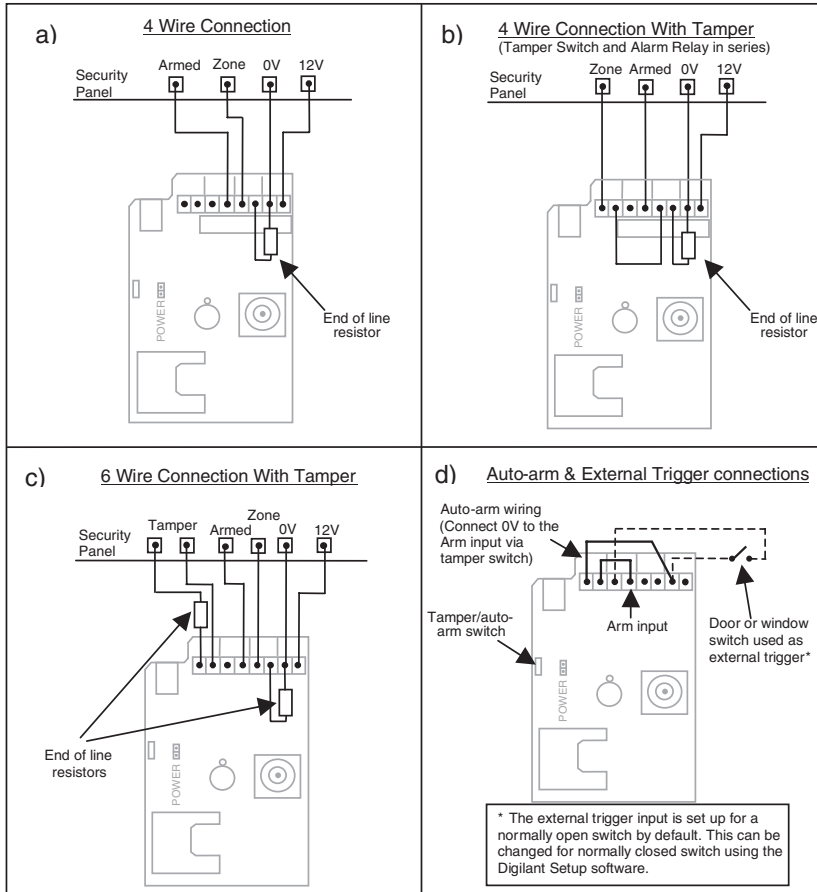


Figure 2

**Figure 3: Security System Wiring Examples**



**NOTE:** With most alarm systems the grounds can be joined as one common wire, enabling a 4 wire connection to the alarm panel. End of line resistors may be required by some security systems. Check the installation guide for your security system.

This product has been tested and complies with the Class A radiated and conducted EMI requirements of AS/NZS CISPR 22.

**WARNING:** This is a class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

**Product of Clipsal Integrated Systems**  
**A Division of Clipsal Australia Pty Ltd**  
ABN 27 007 873 529

**Head Office**

12 Park Terrace, Bowden, South Australia 5007  
PO Box 103, Hindmarsh, South Australia 5007  
Telephone (08) 8345 9500  
International +61 8 8345 9500  
Facsimile (08) 8346 0845  
International +61 8 8346 0845  
Internet clipsal.com/cis  
E-Mail cis@clipsal.com.au

**Technical Support Hotline**  
**1300722 247**

[clipsal.com](http://clipsal.com)

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