QUICK START GUIDE

For the Trinity DIY CCTV packs

Easy plug-in installation!

Thank you for purchasing from the Trinity Solutions CCTV range.

This DVR has been pre-programmed for the most common set up so in most cases you can simply plug everything in and start using your system.

Please follow the instructions in this Quick Start guide to get started.

PLEASE READ IN CONJUNCTION WITH THE USER MANUAL ON THE CD PROVIDED

Parts List

Please ensure you have identified all the parts before starting installation.

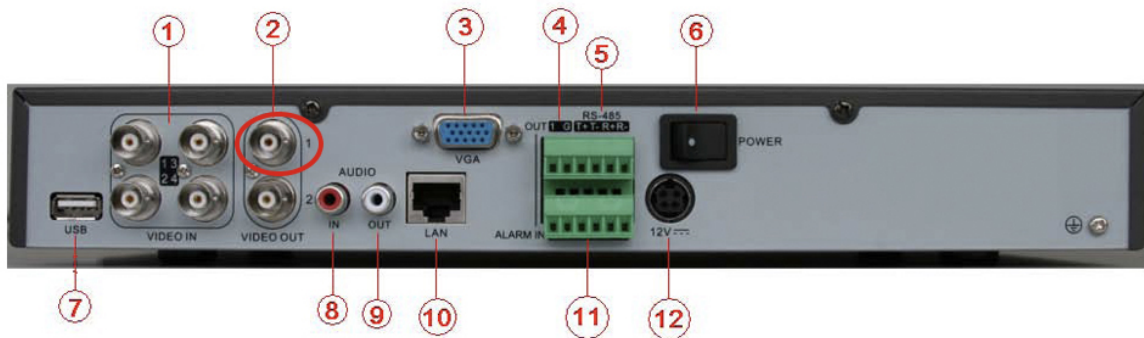|	
	1 x Connectivity Series 4 channel Digital Video Recorder (DVR) • Records all cameras to the included 500 GB hard drive • Pre-programmed and ready to go
	Cameras • Camera model and number of cameras is pack dependent
	1 x camera cable per camera • Each cable is pre-terminated with DC power and video plugs • No tools required – simply plug in • Cable lengths are pack dependent
	1 x mounting hardware per camera • Fixing screws etc to install each camera
	Power supplies • 1 x 12 volt power supply with split cable to power up to 5 cameras • 1 x 12 volt power supply for the DVR
	• **1 x infared remote control** • **1 x mouse** • **1 x CD with user manual**
	Monitor/TV plug (not included) • If you want to connect the DVR to your TV or monitor you will need to purchase 1 x BNC to RCA video lead. These are available from Trinity CCTV Solutions.

☩ Installation

Read before installation

- Do not place cords from the AC adaptor where they can be pinched or stepped on.

- Do not place heavy objects on cords, or cover cords with rugs or carpet.

- Never immerse any component in water, and do not spray cleaners or solvents on the products. Unplug before cleaning. When cleaning, use a damp, lint free cloth only.

- Do not expose the DVR or cameras to excessive cold, heat or moisture.

- Leave at least a 2" space between the DVR and other objects to allow air circulation around the unit.

- Service should be handled by qualified technicians.

The back of your DVR

1. Video in – connects to cameras

2. Video out number 1 – use to connect your DVR to your TV if you are NOT using a monitor

3. VGA interface – use to connect your DVR to a monitor

4. Alarm out

5. RS-485 T+ T- R+ R – (connect if using a PTZ camera)

6. Power switch

7. USB interface

8. Audio in

9. Audio out

10. UTP interface – use to connect to your network/broadband router

11. Alarm in

12. +12V DC power supply input

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Connection instructions

Step 1 – install the cameras

Fit each camera in the desired location. Use the screws provided to securely attach the camera to a solid surface. The camera should be positioned facing away from the sun or bright light source (e.g. windows). If using outdoor cameras, mount under an eve (if possible) to protect the camera from the weather.

Step 2 – connect the camera cables to each camera

Connect the supplied cable to each camera, both the video (BNC) lead and the DC power lead have plugs fitted to make connection easy.

Step 3 – connect the camera cables to the DVR and power cable

Connect each cable camera cable to the video input sockets (1) on the back of the DVR (marked with the channel number), and connect the DC power end to the supplied power adapter split cable.

Your DVR's video input sockets

Example of a DVR with camera cables plugged in

NOTE: some models are supplied with individual plug packs for each camera.

phone **0508 11 00 22** or **09 476 8052**

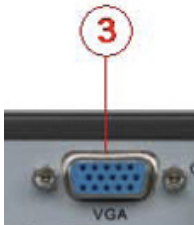po box 302396 north harbour north shore 0751   68d paul matthews rd north harbour north shore
fax 09 476 8059   email sales@manta.co.nz   www.trinitycctv.com
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Step 4 – connect the DVR to a monitor or your TV

You can view the cameras on a dedicated monitor or your TV.

If you are connecting to a **monitor** attach the monitor's VGA lead (supplied with your monitor) to the VGA interface (3) on the DVR.

Your DVR's VGA interface

Example of a DVR with a VGA lead plugged in

If you are connecting to your **TV** use a BNC to RCA lead to connect Video Out **1** (2) on the DVR to your TV.

Video Out **1** on your DVR

Example of a DVR with the BNC to RCA lead plugged in

Step 5 – connect the power supply

Connect the single 12v DC (4 amp) power supply to the 12v in socket on the DVR (12).

Step 6 – turn the power on

Plug both DC power supplies into a 240v AC power point and switch power point on.

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☩ Start-up

1. Make sure your TV/monitor is ON and set to the appropriate AV channel if required.
2. Turn the power switch on the back of the DVR (6) ON.

3. The LED on the front of the DVR will light up green.
4. The images from all the cameras should now be displayed on your TV/monitor.

☩ Default administrator password

THE FACTORY DEFAULT ADMINISTRATOR PASSWORD IS 12345. You will need to use this password to change any of the settings on the DVR. To change or add user see the User Manual

☩ Check the date and time

On the top left of each camera image you will see the date and time. **Please make sure it is correct.**

The DVR records the camera footage using this time and date. If it is incorrect finding footage at a later date can be difficult. Incorrect time and date stamps may also hinder your ability to use the footage in your security processes.

To change the date and time refer to the User Manual

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Factory settings

The DVR comes pre-programmed from the factory with the most common settings:

- **Live view (preview) mode:** in live (real time) on your screen you will see what the cameras are seeing. You can select to view all the camera images at once or one camera image in full screen.
- **Motion detection recording:** the DVR is set to record only when it detects motion as this gives the most efficient use of hard disk space.

THE FACTORY DEFAULT ADMINISTRATOR PASSWORD IS 12345. You will need to use this password to change any of the settings on the DVR.

Live view (preview mode)

In live view (preview) mode on your screen you will see what the cameras are seeing live (in real time).

Viewing all the camera images on the screen

Viewing a single camera image on the screen

View all the camera images or one camera image

By default you will view all the camera images on the screen.

To view a single camera image on the whole screen simply put the mouse cursor over your chosen camera image and left double click. Left double click again to cancel and return to viewing all the camera images on the screen.

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Live Preview Icons

Some icons are provided on screen in Live Preview mode to indicate different camera status. These icons include:
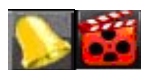
M   **Main Output**

A   **Aux Output**

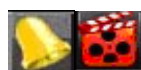   **Event Alarm:** Indicates video loss, video tampering, motion detection or relay alarm.

      Record: Indicates the current channel is recording. The recording may have been started manually, from a schedule, and/or triggered from motion or alarm.

      Event Alarm & Record

Motion Detection Recording

The factory setting is to record on motion detection. The DVR will record approximately 10 seconds before movement is detected and 30 seconds afterwards. In this mode the **icon** will show a

for each camera that is currently being recorded

☩ Play back

To enter the playback screen follow these easy steps:

1. Right click the mouse and select PLAYBACK from the options shown.
2. Select your username by using the up/down blue buttons on the remote (the factory setting username is Administrator). Press the left/right blue buttons to go to Password.
3. Enter the password (the factory setting password is 12345). Press the blue ENTER button.
4. Press the blue ENTER button to Confirm.
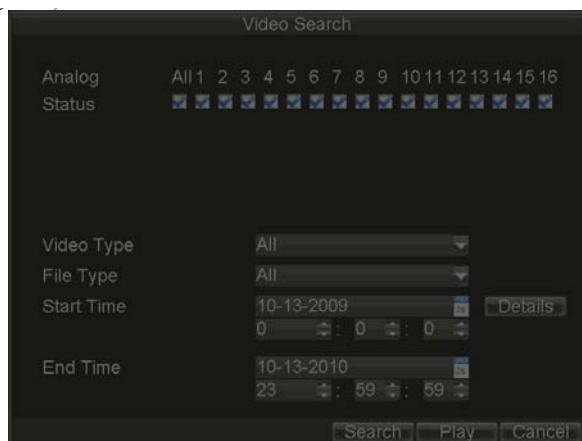5. You will now see the playback screen.

Tick the boxes for the cameras you want to view, select the date from the calendar and click the PLAY icon on the bottom tool bar. The DVR will start playing from the first file recorded for that day. To move to another time simply click the cursor on time line above the toolbar (you'll see the % on the right end change to time) and drag the cursor to the required time.

From here you can select the camera number (tick the cameras required) and the time and date range from the drop down boxes. Clicking search will show you a list of all files with the search paramters. Click on a file then click play.

For more information

Please refer to your user manual on the CD included with this DVR for full instructions.