Quick StartGuide

The following Quick Start Guide will help you through the initial installation, configuration and operation of the SD Advanced.

Use this document in conjunction with the Installation & Operation Guide. This is located on the Product CD supplied with the unit and can also be found on the Dedicated Micros website (dedicatedmicros.com).

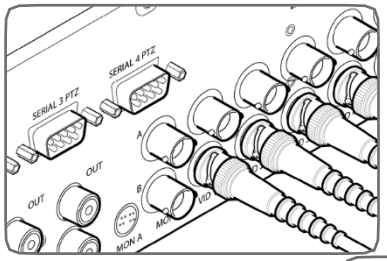
Check the contents of the box

Remove the packaging and check all items listed below are present.

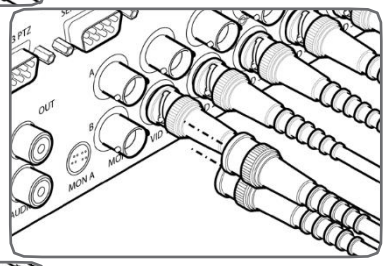
- SD Advanced DVR (either 8, 12, or 16 input)
- IR Remote Control
- Power Leads
- SD Advanced Software/Documentation CD
- Quick Start Guide

If any of these items are missing; please contact the Dedicated Micros Customer Service team on +44 (0) 845 600 9501

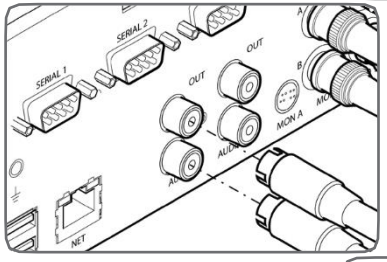
Installing The Unit



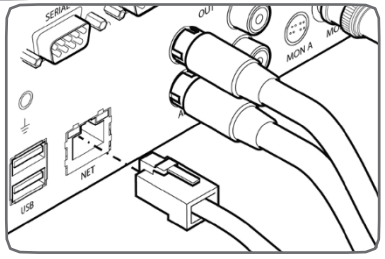
The unit supports up to 8, 12 or 16 Video Inputs (dependant on model). These are connected via the 75Ω BNC connectors. Connect cameras to the video inputs starting from VID 1.



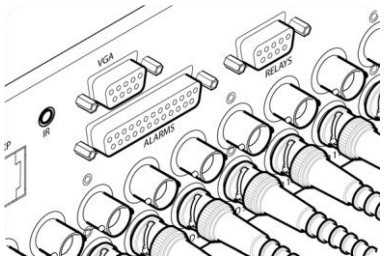
The unit supports a main monitor via 'MON A'. A spot monitor can also be connected via 'MON B'.
A main monitor can also be connected to the VGA socket, refer to IMPORTANT NOTE.



The unit supports two channels of bi-directional audio. Connect the audio equipment to the phono sockets labelled AUDIO IN and AUDIO OUT.



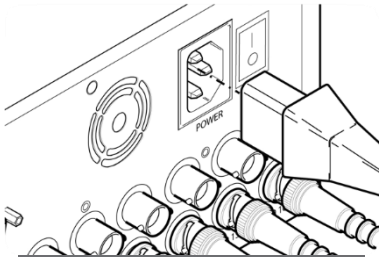
The unit supports a 10/100Mbps auto-detecting network port. Use a CAT5 cable to connect the unit to the network port labelled 'NET'.



The unit supports 20 normally open/ closed alarm inputs, or one Global keyswitch.

The unit supports up to four 24V 200mA relays.

The SD Advanced has an internal power supply unit. Connect the mains lead to the unit and then to the wall socket, or to a fused spur connection. To be compliant with wiring regulations in some countries, an Alarm/Security device should be connected to a fused spur and not a wall outlet socket (check local regulations before installation).



IMPORTANT NOTE

On initial boot, the unit will utilise the composite output (MON A) and display a request for confirmation that the message can be seen. If no confirmation is received after 30 seconds, the unit will REBOOT and display a similar message via the VGA output. If this message is not confirmed within 30 seconds, the unit will REBOOT again and continue this cycle until a confirmation is received.

Accessing The Configuration/Viewer Menus

The unit can be configured either on the local monitor or over a network connection using a PC with Internet Explorer or similar web browser.

Accessing the Configuration menus on a local monitor

The Configuration pages can be displayed on the local monitor by pressing the MENU button on the IR Remote Control.

Note: *If the IR Remote Control does not open the menu, press the DVR button to make sure it is in DVR mode, then press the MENU button.*

Accessing the Configuration/Viewer menus via a PC web browser

The IP address of the unit is required to access the webpages. The DHCP assigned address can be identified via the local menu pages. Using the local monitor, press the MENU button on the IR Remote Control and navigate to the System menu. The DHCP IP address will be displayed. A fixed IP address can be assigned via the Network menu.

To access the unit via DNS, the default address will be:

<machine serial number>.<yourdomain>.com

The <machine serial number> is displayed on the underside of the unit (and on the System menu page).
<yourdomain> relates to the name assigned to your DNS network.

The default DNS address can be renamed via the Network menu.

- Launch Internet Explorer (or other web browser package).
- Type the URL for the unit.
- The opening menu page will be displayed.

Opening Menu

When first accessing the unit, the main menu will be displayed. This menu allows access to the Configuration menus, the Viewer menus and also several Download options.

Note: *The Download options will only be available if viewing remotely via a network connection.*

Select the Configuration menu tab to access the unit's Configuration menus. Refer to 'Navigating the Configuration Menus' for further guidance.

Select the Viewer menu tab to access the unit's Viewer function. Refer to 'Operating The Viewer' for further guidance.

Select the Download menu tab to access the various Download options.

Navigating The Configuration Menus

The configuration pages are navigated using the menu tree (displayed on the left of each page). Selecting one of the menu options will display the relevant page. Associated menus will then be available

Relevant menus can be accessed directly via the coloured softkey options shown at the base of each menu.

The options available will depend on the menu being viewed. Select a softkey option by pressing either the corresponding button on the IR Remote Control / unit's front panel (if viewing the menus locally), or by selecting the relevant option via the mouse (if viewing the webpages).

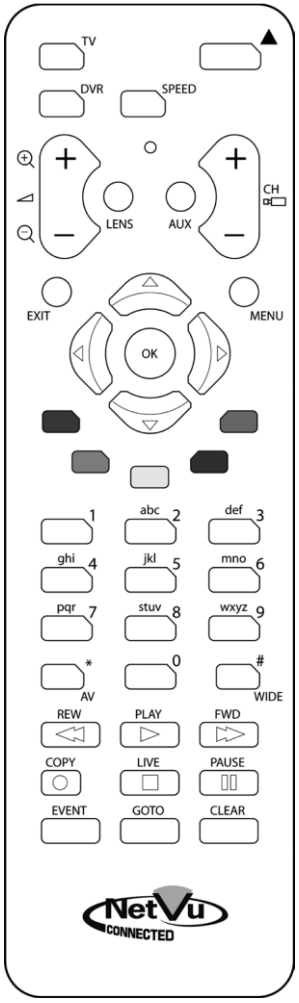
Note: *Any changes are automatically saved when the page is closed. To 'manually' save changes, select the Save option.*

Operating The Viewer

Select the 'Viewer' option from the Opening Menu to access the Viewer menus.

Navigation is via a colour coded softkey system. The colour bar menu provides an intuitive approach for operator and installer alike. The coloured buttons on the IR Remote Control and front panel correspond to the menu options displayed on screen.

The function of the buttons will change according to whether the unit is in Live or Playback mode.



Video Help

Video Help files are imbedded on the unit and offer step by step guidance on performing some of the most common tasks required of the SD Advanced. Access the Video Help menu via the Viewer menus. The Help videos are divided into six categories; each category containing relevant videos. To play a video, first click directly on one of the six categories. When a category is chosen, all associated videos will be listed. Select a video to play.

Note: A speaker must be connected to the Audio OUT connection to hear the associated audio commentary.

Using the IR Remote Control

Press the MENU button to access configuration menus via a local monitor. The menu will have a red indicator highlighting the first option. Select a main menu heading to open a drop down list of further menus.

Use the Directional buttons to navigate the menu screens.

Press the OK button to start editing a field (the option will be outlined in green).

Use the Up/Down Directional buttons to change the settings within an editable field.

Press the OK button to accept a new setting.

Softkey Guidance

The IR Remote Control, front panel interface and optional Keyboard have a common user interface. In addition to the direct action keys (rewind, fast forward etc.) there are coloured Softkeys that are context sensitive and enable rapid access to required functions.
To display the context sensitive Softkey functions at any time (when viewing on a local monitor), press any of the coloured buttons.

Using the Front Panel Interface

The Configuration and Viewer menus can be navigated and edited via the unit's front panel interface. (using a connected local monitor).
Navigate the menu tree via the Up/Down Directional buttons. When a menu is highlighted, open by pressing the OK button.

Use the Left/Right/Up/Down Directional buttons to move between fields.

Select OK to start editing a field (the option will be outlined in green).

Use the Up/Down Directional buttons to change the settings within an editable field.

Use the OK button to accept a new setting.

Use the colour buttons (Red, Green, Yellow, Blue and Purple) to directly access the corresponding function displayed on the menu screen i.e. red button to select the red option.

Entering Alpha-Numeric Data via a Local Monitor

Numeric or text data is entered using the on-screen Virtual Keyboard (Arrow Key Editor).

To display the Virtual Keyboard, navigate to the relevant text input box using the Directional buttons and double press the OK button twice on the IR Remote Control. The Virtual Keyboard is displayed.

Use the Directional buttons to move between characters, use the OK button to select a character. Select 'Submit' to enter details, press 'Cancel' to exit without entering any text.

Alpha-numeric data can also be entered in either upper or lower case format by 'multi-tapping' a relevant button. For example, with the cursor located in the text entry window of the Virtual Keyboard, repeatedly tap button '2' to cycle through the following characters: 2,A,a,B,b,C,c,2 etc.

To select one of these characters, simply stop tapping the button when the chosen character is displayed. The cursor will then progress, ready for the next character entry.

***Note:** A USB Keyboard (not supplied) can be connected via one of the USB ports on the unit. The USB Keyboard can then be used to enter alpha-numeric data via the local menus.*

Viewing The Menu Pages Remotely (or Locally with a USB Mouse)

Navigate the menus by clicking the tabs displayed on the left of the menu headings (on the menu tree). The first option is highlighted with a red tab. Select a main menu heading to open a drop down list of further sub-options.

Highlight an editable field by clicking on it directly.

If viewing pages locally, enter alpha numeric data via the Arrow Key Editor (see above). If viewing remotely, enter via the PC keyboard. If available, click on the drop down menus to select settings.

Note: A selected item in the drop down list will appear highlighted.

Navigating away from a page (clicking on a different option on the menu tree) will automatically save any changed settings. To undo changes made to any menu, select the Refresh (Purple) option.

Using the optional Keyboards (DM/KBC1 & DM/KBC2)

The unit can also be controlled using an optional Dedicated Micros keyboard. This is connected via the KBD connector on the rear of the unit and provides excellent control of all the unit's functions.

Note: Please contact your regional Dedicated Micros representative for information on purchasing a supported Dedicated Micros keyboard.

Access The Event List

Alarms and activity detection are tagged and stored in the Event List for easy retrieval along with System events such as system start data and camera fails. Each event is labelled with an event type (alarm, activity or system) plus its time and date. To view an event from the Event list on a local monitor:

- Press the EVENT button on the IR Remote Control.
- Use the Up/Down Directional buttons to select the event required, the selected event is displayed in the preview window.
- To view any additional pages of Event data, press the Yellow Softkey. Press the Green Softkey to view previous pages.
- Press the PLAY button to view the selected event.
- Press the EXIT or LIVE buttons to exit the Event List.

Event Search Filter

It is possible to filter the event search by time or type (alarm, activity or system). When viewing the Event List on a local monitor using the IR Remote Control:

- Press the Red softkey to open the Event Filter menu.
- Use the Directional buttons on the IR Remote Control to navigate to the Event filter textbox.
- Enter the required start and end times via the Virtual Keyboard (Arrow Key Editor).
- If required, select via the checkbox options to display only a specific event type. If no checkboxes are selected, all types will be displayed.
- The Event list can also be filtered by pressing the corresponding coloured Softkey:

  Alarm - Red

  Activity - Green

  System - Yellow

Archive Selection

The Archive Selection menu allows images and events to be added to the Copy Event List. When vewing images in Playback mode on a local monitor using an IR Remote Control:

- Press the COPY button on the IR Remote Control to mark the start of the archive point.
- Press COPY again to mark the end of the archive point.
- The recorded images withn the selected time period will now be available via the Copy Menu.

Copy Menu

Images and events can be copied to CD/DVD or USB Media for remote reviewing ie. for evidential or monitoring purposes. To access the Copy menu on a local monitor, press the COPY button on the IR Remote Control:

To Transfer Events/Images From the Copy Menu to a USB Device

- Insert a USB Device into the USB port on the front of the unit.
- Select USB from the Archive Media checkbox.
- Select the Copy option (Red) to start archive.
- Selected items are then saved to the USB device.
- The USB export progress is displayed as a %. On completion the status will read 'Archive Complete'.

Note: It is recommended that the 'Include viewer application' checkbox be selected. when downloading events to USB or CD/DVD.

To Transfer Events/Images From the Copy Menu to a CD/DVD

- Insert a CD/DVD Device into the CD/DVD drive on the front of the unit.
- Select CD/DVD from the Archive Media checkbox.
- Select the Copy option (Red) to start archive.
- Selected items are then saved to the CD/DVD.
- The CD/DVD export status is displayed as a %. On completion the status will read 'Archive Complete'.

***Note:** It is recommended that the 'Include viewer application' checkbox be selected when downloading events to USB or CD/DVD.*