Video Recorder 600 Series

8/16 ch. DVR

BOSCH
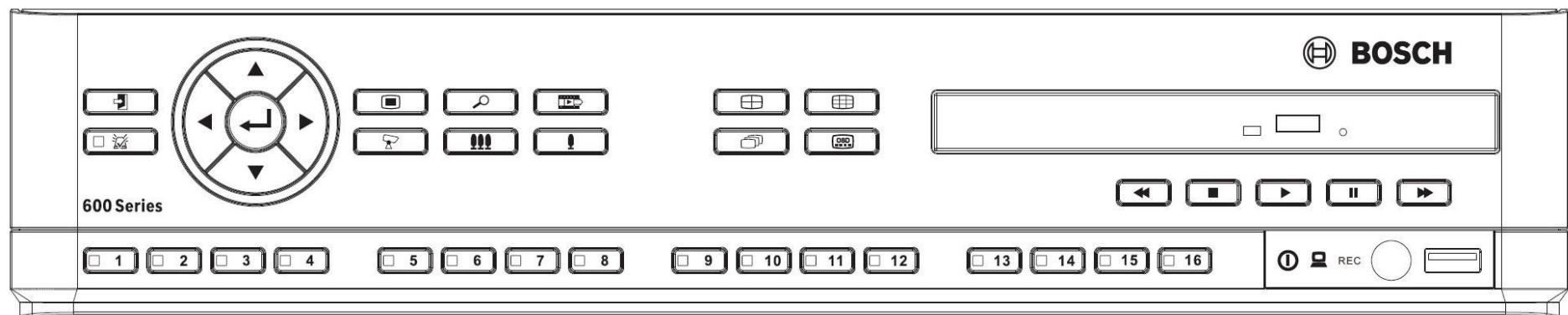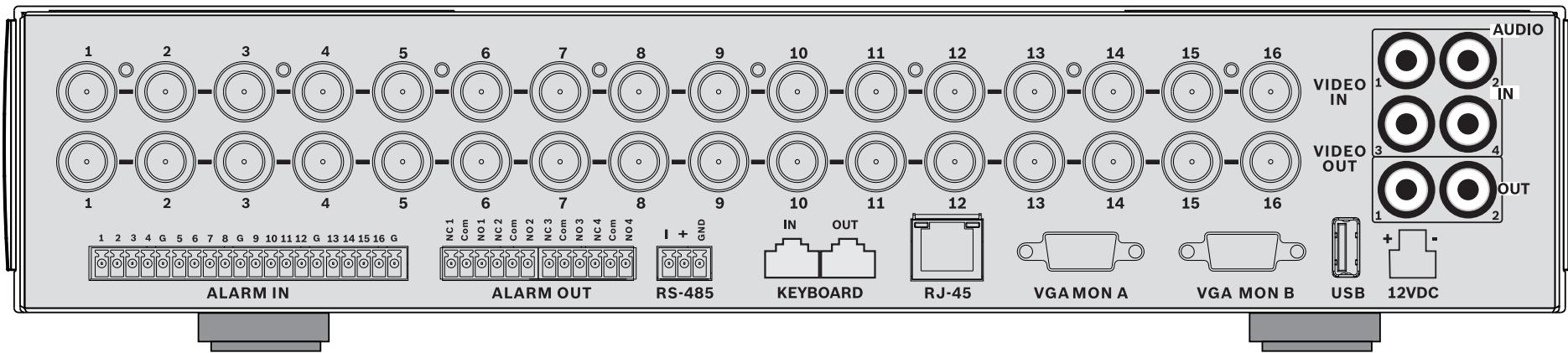
Quick install

16-channels
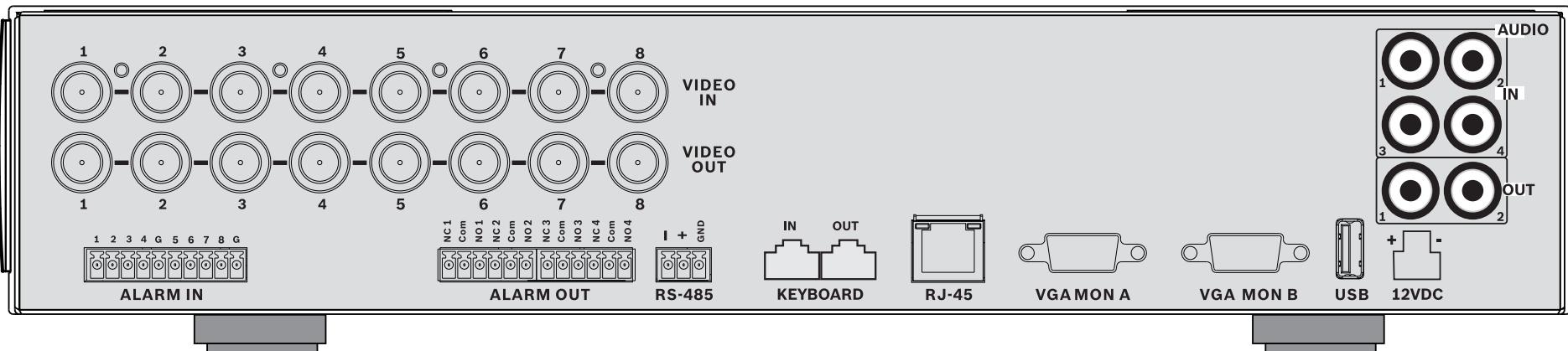
8-channels

Quick install

To get the unit quickly operational, make the connections described below and then enter the relevant data in the Quick install menu. The Quick install menu appears the first time the unit is started.

Connections

Primary connections

1. Connect the cameras to the **VIDEO IN** BNC connectors (automatically terminated).
2. Connect monitor A to the **VGA MON A** output supporting 800x600 (4:3), 1024x768 (4:3), or 1280x1024 (5:4), 1366x768 (16:9) and 1440x900 (16:10).
3. Connect USB mouse to a **USB** port.

Optional connections

1. Connect monitor B to the **VGA MON B** connector (supporting 800x600).
2. Connect up to 4 audio signals to the **AUDIO IN** RCA (CINCH) inputs.
3. Connect 2 **AUDIO OUT** RCA (CINCH) outputs to the monitor or an audio amplifier.
4. Connect up to 8/16 **ALARM IN** inputs (via the supplied terminal blocks).
5. Connect up to 4 **ALARM OUT** outputs (via the supplied terminal blocks).
6. Connect a pan/tilt/zoom control unit to the **RS-485** port (via the supplied screw terminal block).
7. Connect to your network via the **Ethernet** port.
8. Connect a Bosch Intuikey keyboard cable to the **Keyboard-IN** port if required.

Powering up

Switch on all connected equipment.
– Connect the power unit to the AC power outlet.
– Connect the DC power cord to the **12VDC** connector on the unit.

First-time use

The Quick install menu opens the first time the unit is used. Fill in the basic settings in the three tabs to get the unit operational. The unit begins recording automatically when the Quick install menu is closed.

To open the Quick install menu at any other time:

1. Press the menu ▣ key to bring up the System Control Bar.
2. Press the menu ▣ key again to enter the main menu.
– The main menu appears on monitor A.
3. Select System, then the Configuration submenu, and finally Quick install.

Navigating

Use the supplied USB mouse. Alternatively, use the following front panel keys:

– Use the enter ⬑ key to select a submenu or item.

– Use the arrow ▲ ▼ ◀ ▶ keys to move through a menu or list.

– Use the exit ⤷ key to go back or to switch off the menu.

After bootup, the unit presents the log in screen over a quad display. The default User ID is ADMINISTRATOR, the default password is 000000 (six zeros).

Quick install menu

The Quick install menu contains three tabs: International, Continuous Recording, and Network. Click the **Exit** button to exit the Quick install menu. Changing Quick install settings overwrites customized settings.

International

Language	Select the language for the menu from the list.
Time zone	Select a time zone from the list.
Time format	Select either a 12 or a 24 hour clock format.
Time	Fill in the current time.
Date format	Select from three date formats which show either the month (MM), the day (DD), or the year (YYYY) first.
Date	Fill in the current date.

Continuous Recording

Set the Continuous Recording Resolution, Quality, Frame rate, Covert, and Audio for each profile in the table.

Network

DVR name	Enter a unique DVR name to be used in the network.
DHCP	Enable DHCP to have IP address, subnet mask, and default gateway assigned automatically by the network server. The actual values are displayed.
IP address, Subnet mask, and Gateway	Fill in the IP, subnet mask, gateway addresses, and DNS server addresses when DHCP is not enabled.

Operating instructions

Front panel controls

Keys

The keys on the front panel control all functions. Symbols on the keys show the functions. Inactive keys emit an audible beep when pressed.

Arrow keys:

▲ Up, ▼ Down, ◀ Left, ▶ Right
– move around through menu items or values when in menu mode
– in PTZ mode, the arrow keys can be used to control the pan or tilt functions of the selected camera
– moves the visible area of the selected image in digital zoom mode

Enter key
– selects a submenu or menu item, or confirms selections made in menus
– brings up the cameo submenu in full screen or quad modes

Menu key
– opens the system menu

Search key
– press to open the date/time search menu to look for recorded images

Export key
– press to open the export menu

PTZ key
– enables or disables the PTZ mode

Zoom in key
– PTZ zoom in key
– Digital zoom in key on active full-screen display

Zoom out key
– PTZ zoom out key
– Digital zoom out key

Exit key
– press to return to previous level or to exit the menu system

Acknowledge key
– press to acknowledge an alarm event; a red indicator light is located on the key

Camera keys (1-8/16)
– press to see a full-screen display of the video input
– the LED will be illuminated when the camera is recording
– the LED will flash during an alarm on the camera

Quad key
– press to go to quad mode
– in quad mode, press to toggle to full screen

Sequence key
– view cameras in sequence on full-screen or quad displays

Multi-screen key
– press to go to different multi-screen modes

OSD key
– press to view date/time and camera information, or date/time only

Pause key
– press to freeze the picture

Reverse key
– in live mode, press to start reverse playback of recordings for the displayed cameras
– in playback mode, press to start or speed up reverse playback
– in pause mode, press to step back one frame

Play key
– in live mode, press to resume playback from the last selected playback position
– in pause or fast forward/reverse modes, press to resume playback

Fast forward key
– in live mode, press to start playback from one and a half minutes earlier
– in playback mode, press to speed up the forward playback rate
– in reverse playback mode, press to start forward playback
– in pause mode, press to step forward one frame

Stop key
– while in playback mode, press to return to live mode

Indicators

The indicators on the front panel display light or flash to alert of various operating conditions.

Power - lights green when the unit is powered

Network - lights green to indicate network activity

Alarm - flashes red when an alarm is detected

REC Record - lights red when the unit is recording video