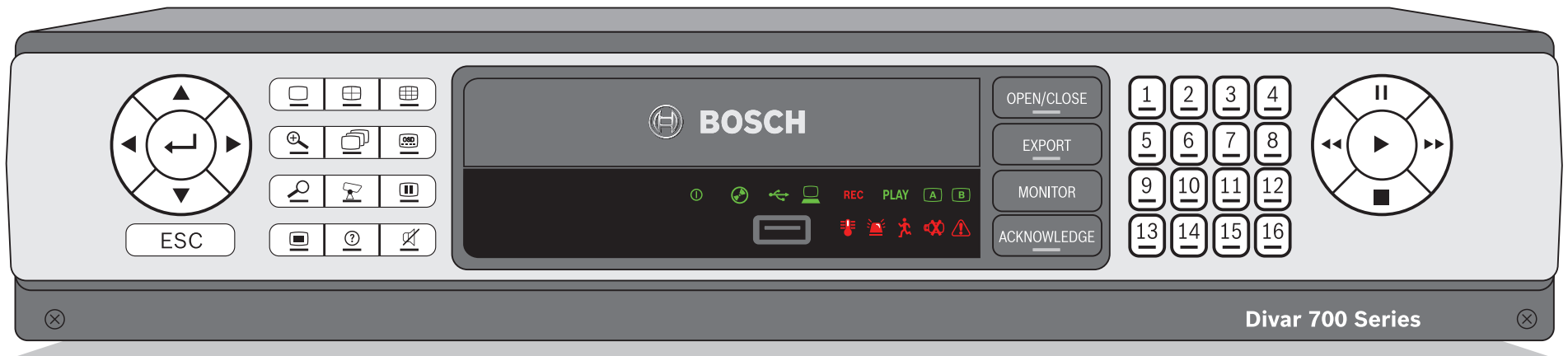


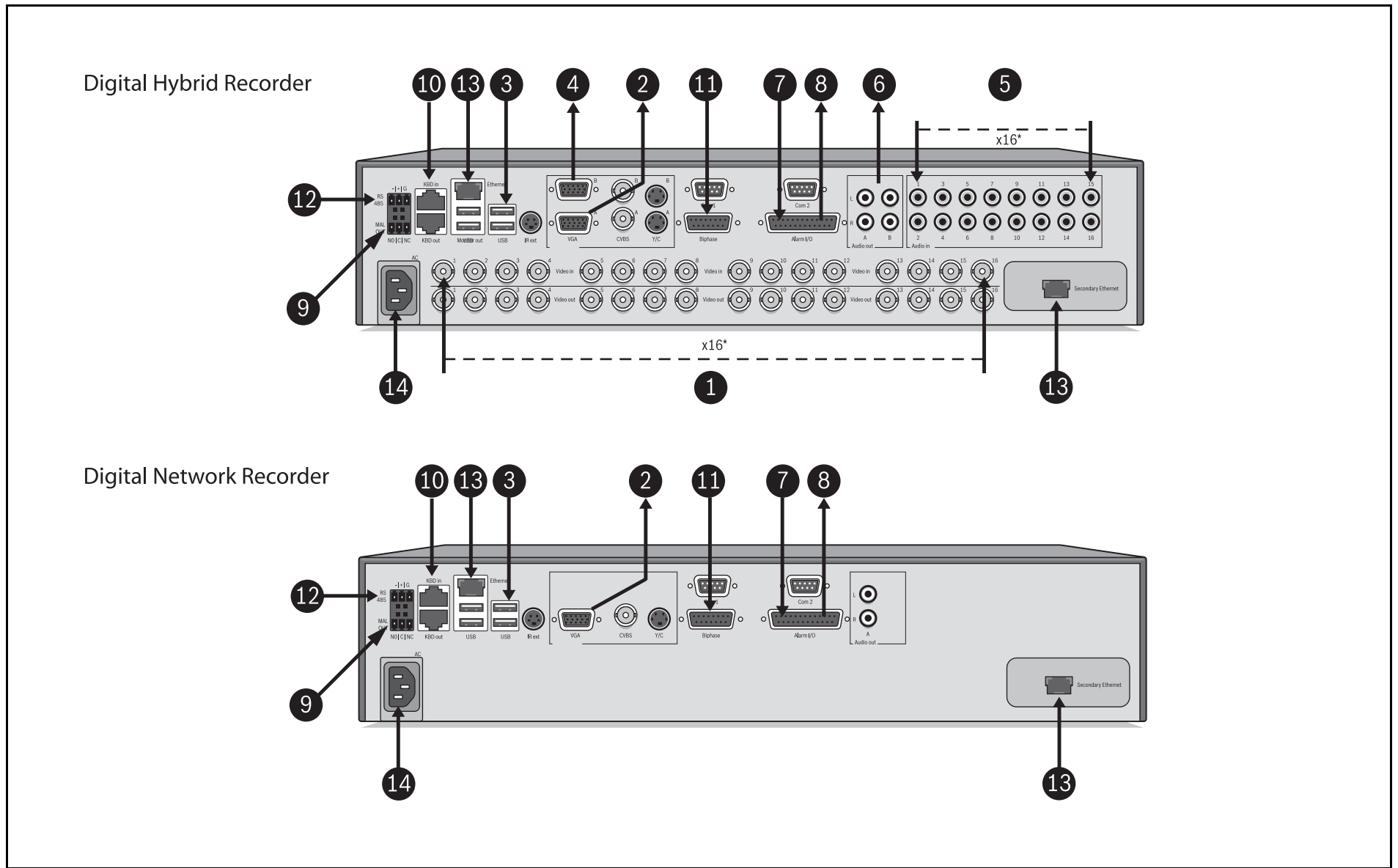
Divar 700 Series

Digital Hybrid Recorder
Digital Network Recorder



Quick install





Quick install

To get the unit quickly operational, make the connections described below and then enter the relevant data in the Quick install menu.

Connections

- For hybrid versions, connect the cameras to the BNC **Video in** connectors (automatically terminated).
- Connect monitor A to the **CVBS, Y/C**, or **VGA** (supporting 1280x1024) output MON A.
- Connect the USB mouse to a **USB** port.
- Connect monitor B to the **CVBS, Y/C**, or **VGA** (supporting 1024x768) output MON B*.
- Connect up to 16 audio signals to the RCA **Audio in** connectors*.
- Connect the RCA **Audio out** connector(s) to a monitor or an audio amplifier.
- Connect up to 16 inputs to the **Alarm I/O** via the 25-pin connector board.
- Connect up to 4 alarm outputs to the **Alarm I/O** via the 25-pin connector board.
- Connect the malfunction output (**MAL OUT**) via the screw terminal adapter.
- Connect an Intuikey keyboard to the **KBD in** socket and connect the terminator (supplied with the keyboard) to the **KBD out** socket.
- Connect a Bosch pan/tilt/zoom control unit to the **Biphase** port (via the 15-pole D-type connector board).
- Connect a third-party pan/tilt/zoom control unit to the **RS485** port (via the screw terminal adapter).
- Connect to your network via the **Ethernet** port. (Some versions have a **Secondary Ethernet** port which can be used as a separate network connection.)
- Connect your IP cameras to the network.

Switch on all connected equipment.






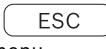
- Connect the power cord to the unit.

First-time use

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

Navigating

Use the USB mouse or the following front panel keys:

- Use the enter  button to select a submenu or item.
- Use the arrow     buttons to move through a menu or list.
- Use the escape  button to go back or to switch off the menu.

Quick install menu

The Quick install menu contains four tabs: International, Network, Schedule, and Recording. Navigate through these tabs using **Back** and **Next**. Click **Undo** to cancel changes made in the active tab. Click **Close** 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 format** — Fill in the current time.
- Date format** — Select a date format with month (MM), day (DD), or year (YYYY) first.
- Date** — Fill in the current date.

Schedule

The currently active weekly schedule is shown. Each color represents an available profile:

Click **Overwrite** to start making changes.

- Select on which day the week should start and end.
- Select when the day begins and ends on weekdays.
- Select when the day begins and ends on weekends.

The display is automatically updated when settings are changed.

Recording

Set the Normal recording Resolution, Quality, and Frame rate for each profile in the table. Set the Alarm and Motion recording Resolution, Quality, and Frame rate. These settings are set for all profiles. If advanced settings were previously made, click **Overwrite** to replace them with Quick install settings.

Network

Fill in the settings that control the behavior of the unit with respect to a 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 DHCP server of the network. The actual values are displayed.

IP address — Fill in the IP address when DHCP is not enabled.

Subnet mask — Fill in the Subnet mask when DHCP is not enabled.

Default gateway — Fill in the Default gateway when DHCP is not enabled.

Auto DNS address — Enable to have the DNS server IP address assigned automatically. The assigned address is displayed.

DNS server — Fill in the DNS server address when Auto DNS address is not enabled.

MAC address — The MAC address is read only.

Connection — Shows current network speed of the primary Ethernet connection.

Remote streaming limit — Enter a value between 0 and 1000 Mbps to restrict the network bandwidth available for streaming audio and video to all BVC workstations combined.

Operating instructions

These instructions explain the purpose of the front panel keys. The functions available can be limited by setting passwords. Some functions may also require a software license. An administrator has access to many more functions in the menu.

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:



- move around through menu items or values when in menu mode
- in PTZ mode, the arrow keys can be used to control the pan, tilt, or zoom 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
 - the selected camera is shown full screen when viewing video in multiscreen mode

ESC

ESC key

- press to return to previous level or to exit menu system without saving



Full screen key

- press to go to full screen mode



Quad key

- press to go to quad mode
- in quad mode, press to toggle between the enabled quad screens



Multiscreen key

- press to go to multiscreen mode
- in multiscreen mode, press to toggle between enabled 3x3 and 4x4 screens



Digital zoom key

- zooms in on the active full screen camera display



Sequence key

- view cameras in sequence on full-screen or quad displays



OSD key

- press to view date/time and camera information, date/time only, or none



Search key

- press to open the date/time search menu to look for recorded images



PTZ key

- enables either pan/tilt or pan/zoom modes



Freeze key

- in live mode, press to freeze the selected image



Menu key

- opens the menu system



Help key

- press to view help



Mute key

- press to mute audio monitoring



Open/Close key

- press to open or close the DVD drawer



Export key

- press to open the export menu; an indicator light is located on the key



Monitor key

- toggles control between monitor A or B



Acknowledge key

- press to acknowledge an alarm event; an indicator light is located on the key



Camera keys (1-16)

- press to see a full-screen display of the analog video input
- press again to see a full-screen display of an IP camera (if connected)



Pause key

- in the playback mode, press to freeze the playback 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 minute earlier
- in playback mode, press to speed up the forward playback rate
- in pause mode, press to step forward one frame



Stop key

- while in playback mode, press to return to live mode

Note:

IP camera numbering starts at 9 on an 8-channel hybrid model and at 17 on a 16-channel hybrid model. So on a 16-channel hybrid unit with IP cameras, camera key 1 selects analog camera 1 and, when pressed again, IP camera 17.