

INSTALLATION MANUAL



INTRODUCTION

The DVR / NVR Secure Wall Mount Cabinet - vertical rackmount shelf has a capacity of up to 2U height, up to 490mm width & 480mm depth, with space to mount up to a 24" LCD monitor. It can accommodate most DVR/NVR's and other access control and alarm systems, making it a versatile Controller Cabinet with power input.

Product features:

- Compact; only 580(W) x 635(H)x 180(D)mm (closed)
- Capacity: 2RU, 230~490mm width, 480mm depth
- Cable management knock-outs from all cabinet sides
- Convectional ventilation; optional 2 x 50mm low noise cooling fans
- Fits up to 24" monitor, with 75/100 VESA mounts
- 2 x cabinet locks
- 30kg cabinet load bearing capacity (10kg vertical shelf)
- 440mm width between mount points to fit wall studs
- Mild steel construction and white powder coating
- 4 x outlet power distribution unit (optional).

* Ensure monitor has horizontal / downwards-facing input ports & power connectors

* 4 x M4 x 10mm screws included for monitor mounting

* **NOTE:** We recommend only using slimline thin bezel monitors (max Size 540x340x45 WxHxD); other monitors may not fit.

Shipping Weight and Dimensions

Cabinet dimensions

Width - 580mm | Height - 640mm | Depth - 180mm | Weight - 14.1Kg

Packing Dimensions

Width - 630mm | Height - 690mm | Depth - 230mm | Weight - 15.5Kg

Unboxing and Pre-installation Check

The cabinet is approximately 16Kg's and care should be taken when unboxing.

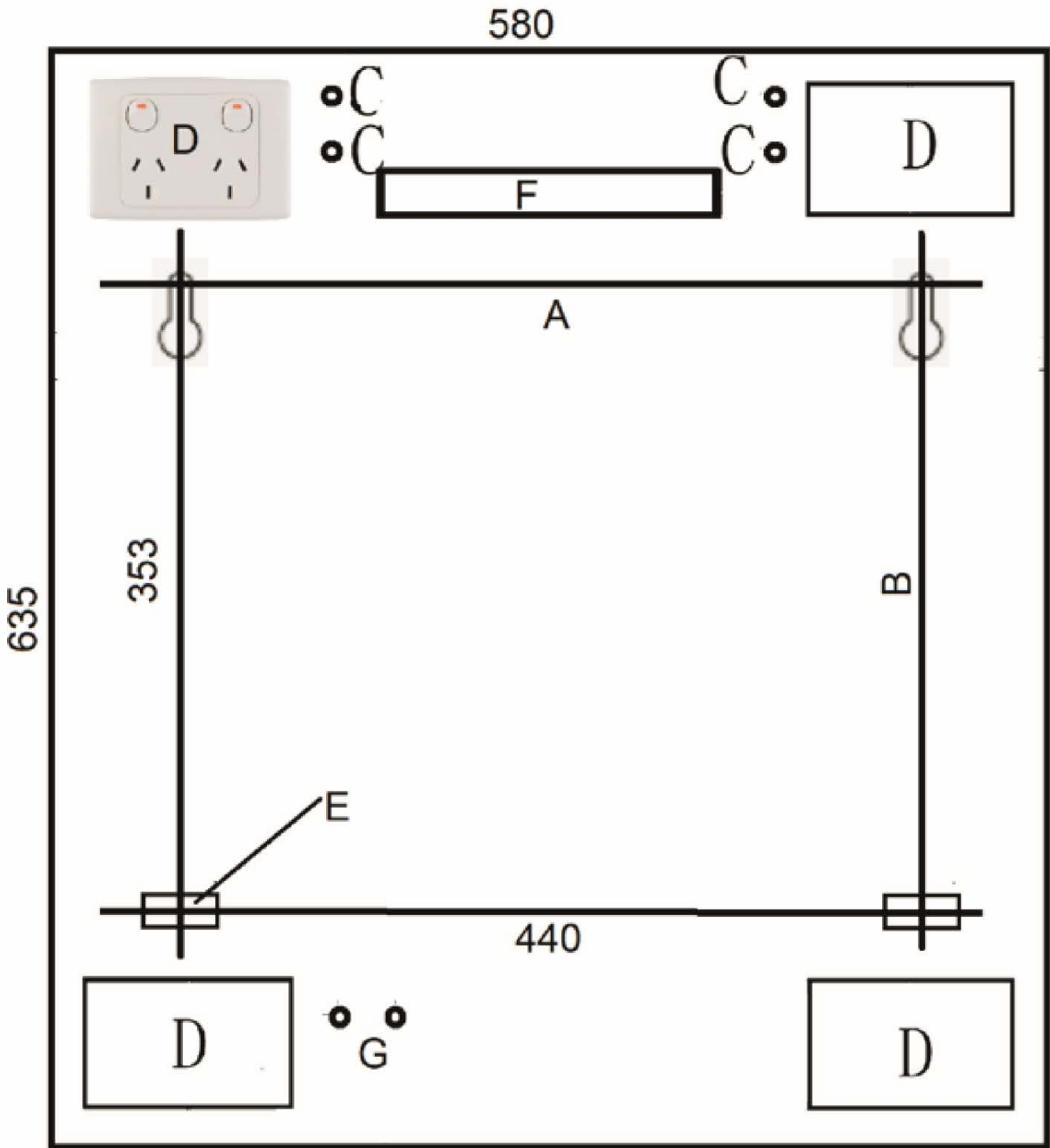
Suggested: open the end opposite to the product label and place open end on the floor or table. Slide the box up and remove. 2 cabinet lock keys will be fixed to the side packing foam.

During initial set-up, it is advisable to remove or support the cabinet door. To remove the cabinet door: Pull the spring-loaded latch and push the door into the cabinet just enough to clear the door frame. Do the same for the opposite side. Push the door further into the cabinet, lift, twist and remove. (To replace the door, reverse this procedure)

Alternative

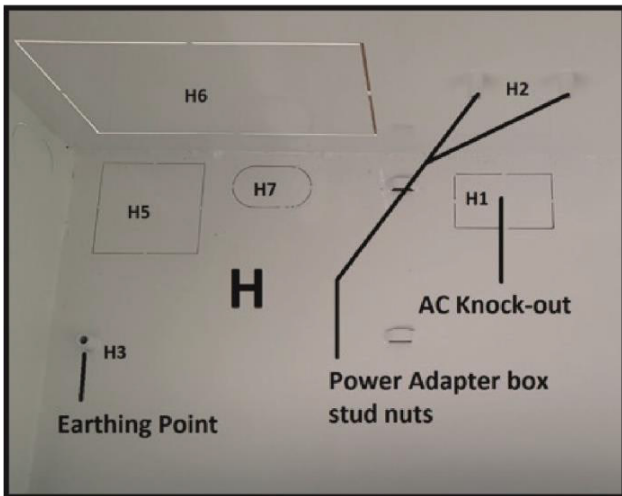
To support the door in the open position, use an 80mm block under the door. Position the block in between the 2 locks.

BACK PANEL



- A - Horizontal distance between mounting points (440mm) to fit wall studs
- B - Vertical distance between mounting holes 353mm
- C - Mounting point for **PDU** . Use 4 x 6mm nuts to secure(Note: **PDU** is an optional item)
- D - 2x4" Knock-out for pre-installed power point or cable entry point
- E - 6.5x15 Slotted mounting holes for level alignment of the cabinet
- F - Cable entry knock-out point
- G - Power adapter mounting point. Use 2 - 4x45mm screws provided

MOUNTING THE POWER ADAPTER BOX



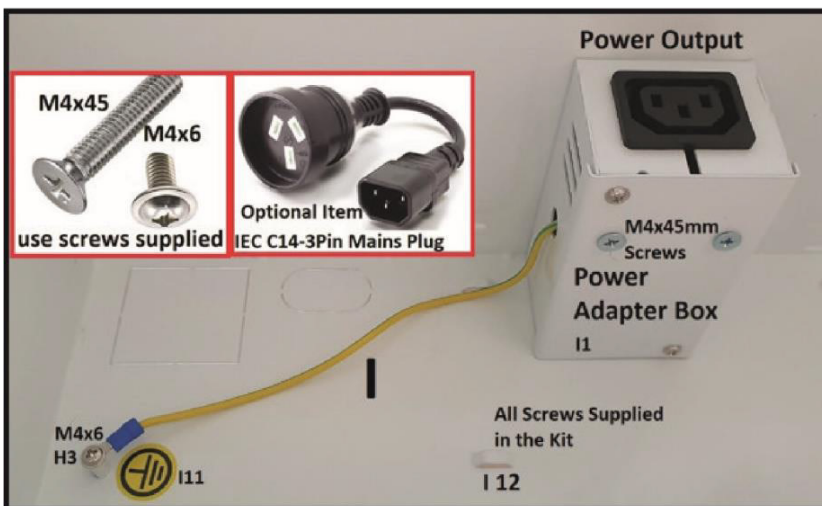
The use of the Power Adapter Box (PAB) is installer assembled.

Knock-out H1 and fix PAB to the cabinet using the 2 screws(M4x45mm).

J1 will protrude out of the cabinet

20 easy knock-out points such as H5, H6, H7 located on all sides of the cabinet.

H15 is designed for use in conjunction with 50x50mm cable management PVC ducting. 4-50mm knock-outs located at each rear corner of the cabinet.



Secure the earthing yellow cable to H3.

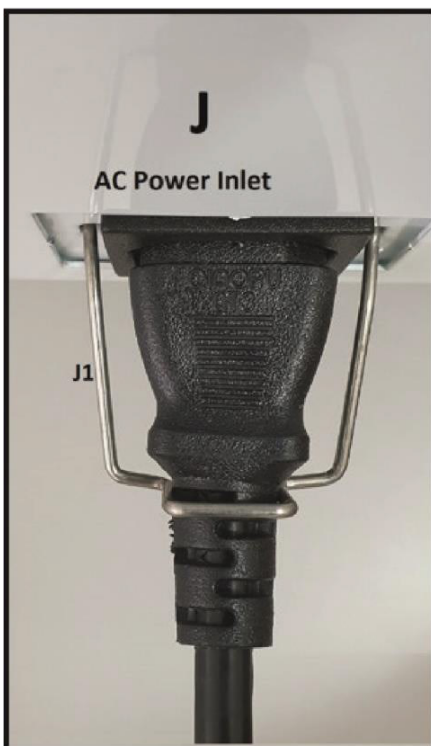
Use earth sticker 11 to label the earthing point.

IEC C14-3 Pin Aus. Mains Plug (not incl.) could be used for power supply to the cabinet.

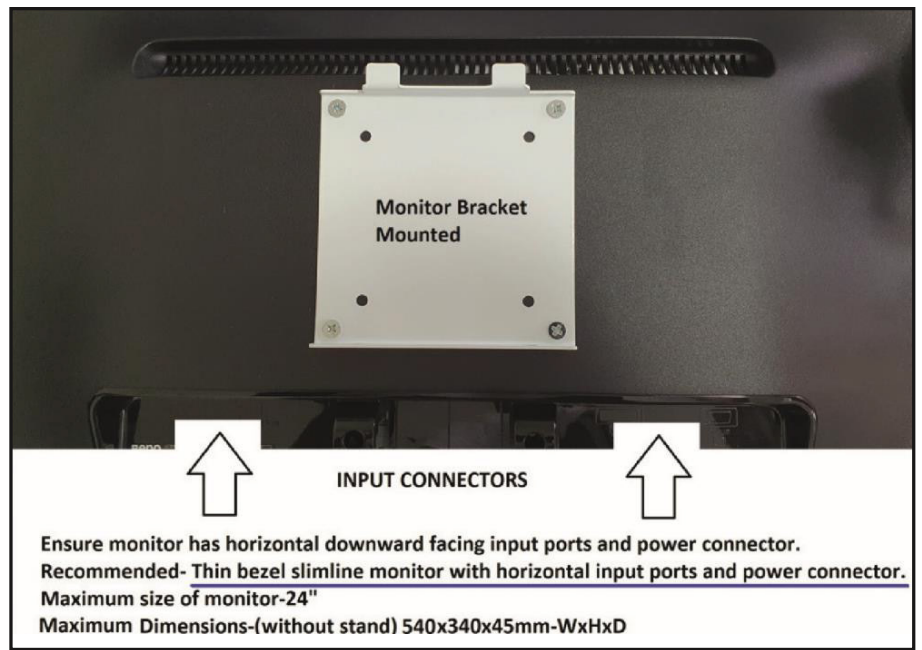
4 way Power distribution unit (PA-PDU4X) - optional item, is recommended for use with the cabinet.

THE POWER ADAPTER BOX must only be used with this cabinet.

12 - Multiple cable strapping eyelets in the cabinet for a tidy installation.



MOUNTING THE MONITOR

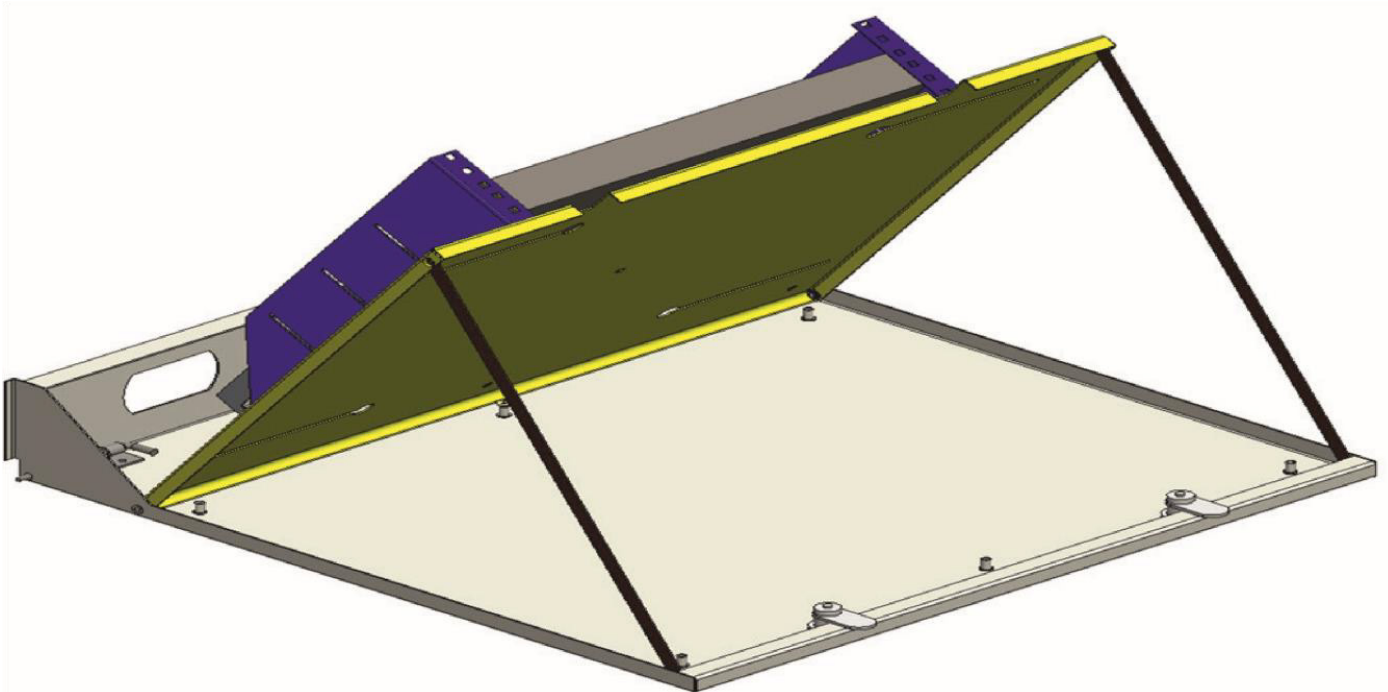


DVR/NVR MOUNTING PLATE



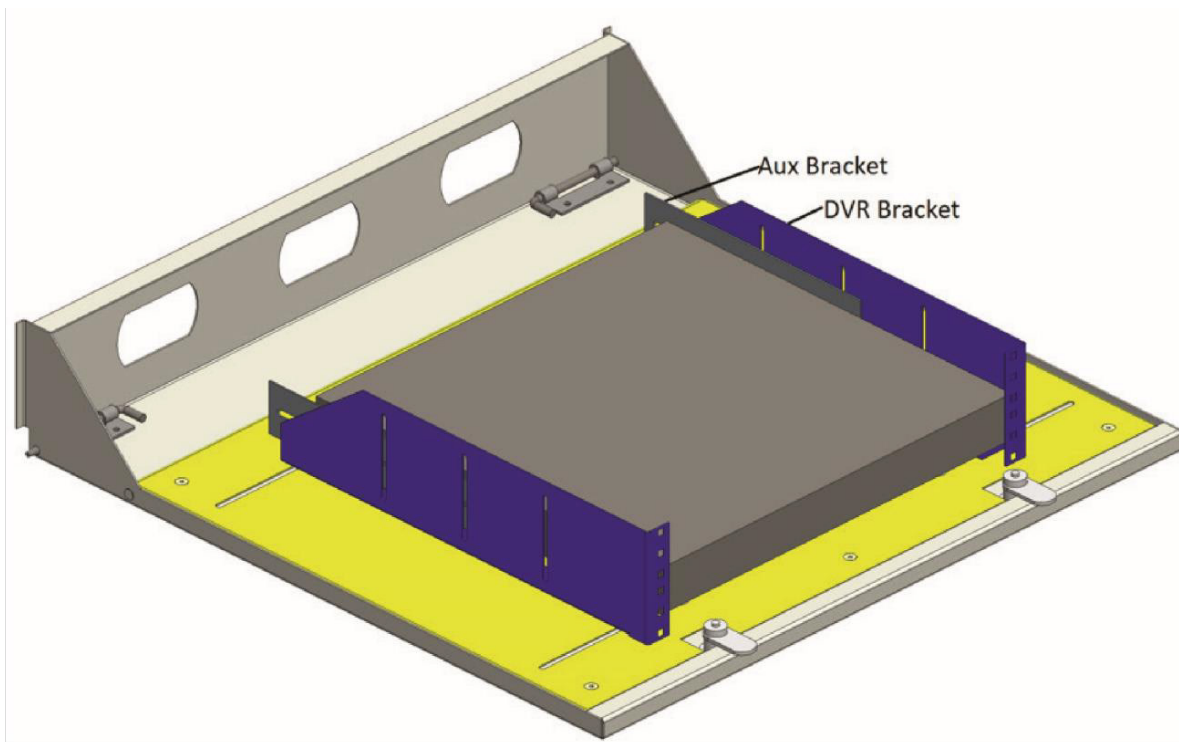
Remove the 6 screws at the front and rear of the DVR Mounting plate

CABINET DOOR ASSEMBLY



Raise the DVR mounting Plate. Use the 2 supports to keep the plate raised. Use the 4 wing nuts to adjust the mounting brackets to the width of the DVR.

CABINET DOOR ASSEMBLY WITH NVR



Slightly loosen 4 wing nuts securing the DVR and Aux Bracket together. Move DVR up against the square hole DVR bracket. Then move the Aux bracket up against the rear top corners of the DVR. Secure using the 4 wing nuts. DVR should be secured firmly on the DVR mounting plate.

MOUNTING A POWER BOARD (Not Supplied)

4 Way Power Distribution Unit



NVRCF: OPTIONAL 12VDC COOLING FANS



Low Noise Cooling Fan Kit -2600RPM (12VDC Power Supply not incl.)

Note: Black Sticker to face cooling fan grill for air extraction.



Installation Notes

- Gently remove easy knockouts as required for cable entry and power supply.
- It is recommended to install the cabinet with door removed. See page 2
- Allow adequate space on either side of the cabinet for ventilation-approx. 300-400mm
- Allow approx. 100mm gap at the bottom of the cabinet for the AC cable.
- Mounting holes are located 440mm apart for secure mounting onto wall studs.
- Use M6x50mm wood, metal or masonry screws secure the box to the wall.
- Use the 2 top mounting holes to hang the cabinet
- Then use the 2 bottom mounting slot holes to align the cabinet into level position.
- Secure all 4 screws.
- If using the power adapter box refer to page 4 for assembly.
- If using a PDU – install using 4 x M6 nuts supplied. See page 3 (C)/page 5/7
- If using Cooling Fans, install cooling fans with nuts and screws supplied with the kit. See page 8. For air extraction mount the fan with the **Black Sticker** facing the fan grill.
- Connect to 12VDC power supply (min 0.5A-12VDC)
- Next, install the monitor, refer to page 5.
- If the white monitor bracket fits into a recess in the monitor, you may be required to raise the white bracket to accommodate for the recess.
- Use M6 or M8 flat washers as a spacer at each hole. Secure the bracket using the M4 x 10mm screws supplied.
- Install the monitor into position and secure using the 2 spring latches.
- Next, replace the cabinet door. Follow details on page 2.
- Secure DVR/NVR (Refer to pages 6-8)