POWER AUTOMATIX
ADVANCING FUTURE TECHNOLOGY

PA-WMCAB1 - INSTALLATION GUIDE - DVR / NVR Secure Wall Mount Cabinet

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.

Product features:

- Compact; only 580(W) x 635(H)x 180(D)mm (closed) *585*
- Capacity: 2RU, 230~490mm width, 480mm depth *200-490mm*
- Cable management knock-outs from all cabinet sides
- Convectional ventilation; included 2 x 50mm low noise cooling fans *,temp. sensor switch and power adapter*
- 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 *SPCC*
- 4 x outlet power distribution unit included.

* Ensure monitor has horizontal / downwards-facing input ports & power connectors *This line must be in RE[D]*
* 4 x M4 x 10mm screws included for monitor mounting and 4x M4 Washers included (Use as a spacer)

* **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 *585   635*

Packing Dimensions

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

Unboxing and Pre-installation Check

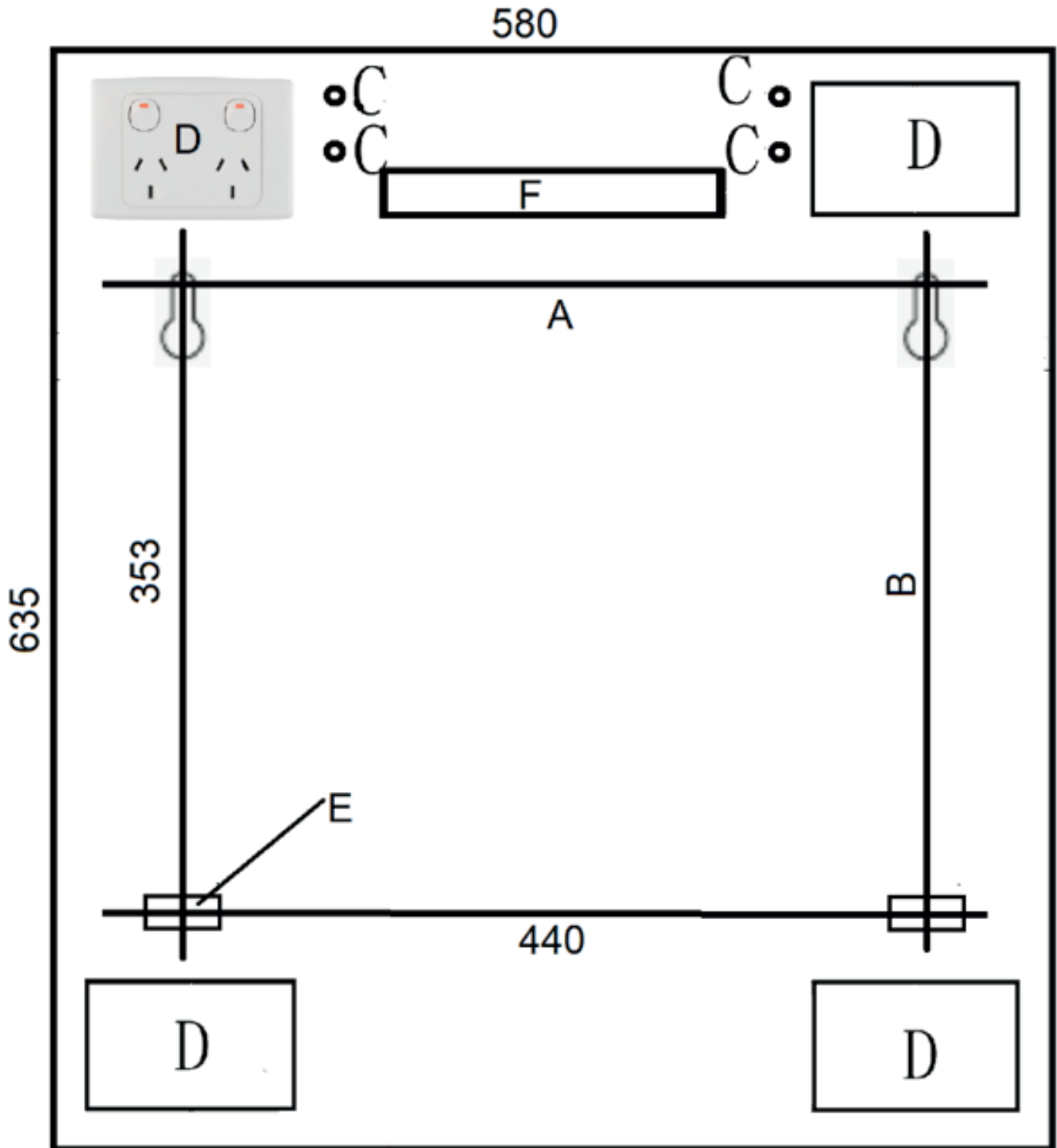The cabinet is approximately 16Kg's and care should be taken when unboxing.
Suggested: open the end opposite to the product label and place open end on the floor or table. Slide the box up and remove. 2 cabinet lock keys will be fixed to the side packing foam.
During initial set-up, it is advisable to 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
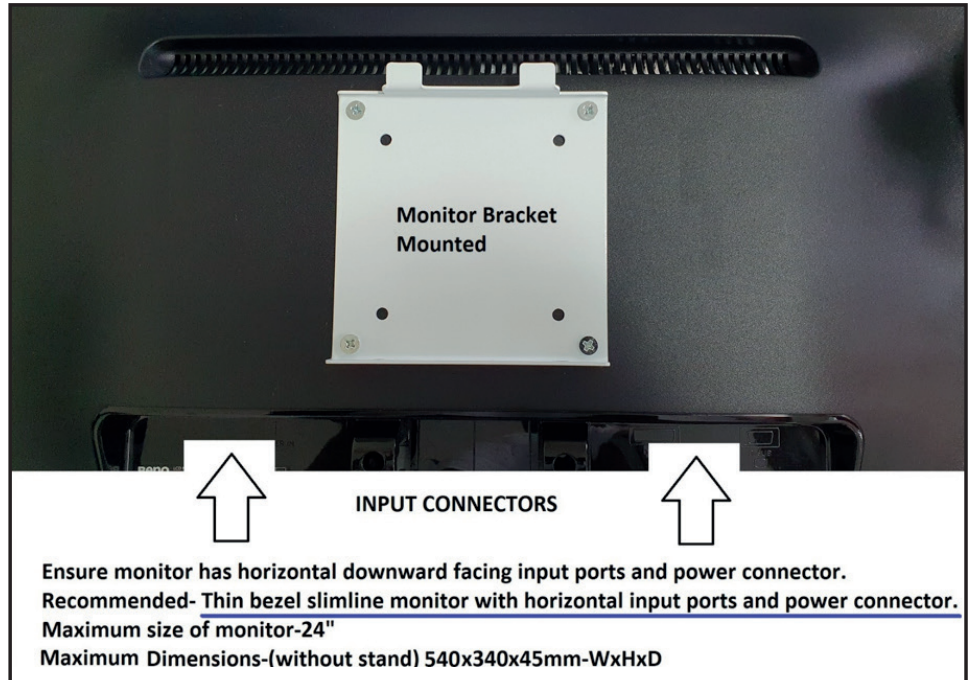B - Vertical distance between mounting holes 353mm
C - Mounting point for ~~POU~~ PDU. Use 4 x 6mm nuts to secure ~~(Note: POU is an optional item)~~ *delete*
O - 2x4" Knock-aut for pre-installed power point or cable entry point
E - 6.5x15 Slotted mounting holes for level alignment of the cabinet
F - Cable entry knock-out point.

Mounting the Monitor

Monitor Mount Bracket

75/100mm Vesa mounting holes
To remove monitor bracket , pull down spring latch.
Secure monitor to the bracket using M4x10mm screws provided
Carefully slide monitor back into position. Release spring latch to secure

Monitor Bracket Mounted

INPUT CONNECTORS

Ensure monitor has horizontal downward facing input ports and power connector.
Recommended- Thin bezel slimline monitor with horizontal input ports and power connector.
Maximum size of monitor-24"
Maximum Dimensions-(without stand) 540x340x45mm-WxHxD

Important Note: if the MONITOR BRACKET shown above fits into a recess on your monitor- you may have to use M4 washers to raise the bracket out of the recess (1 or 2 washers in-between the monitor and the bracket should be fine)
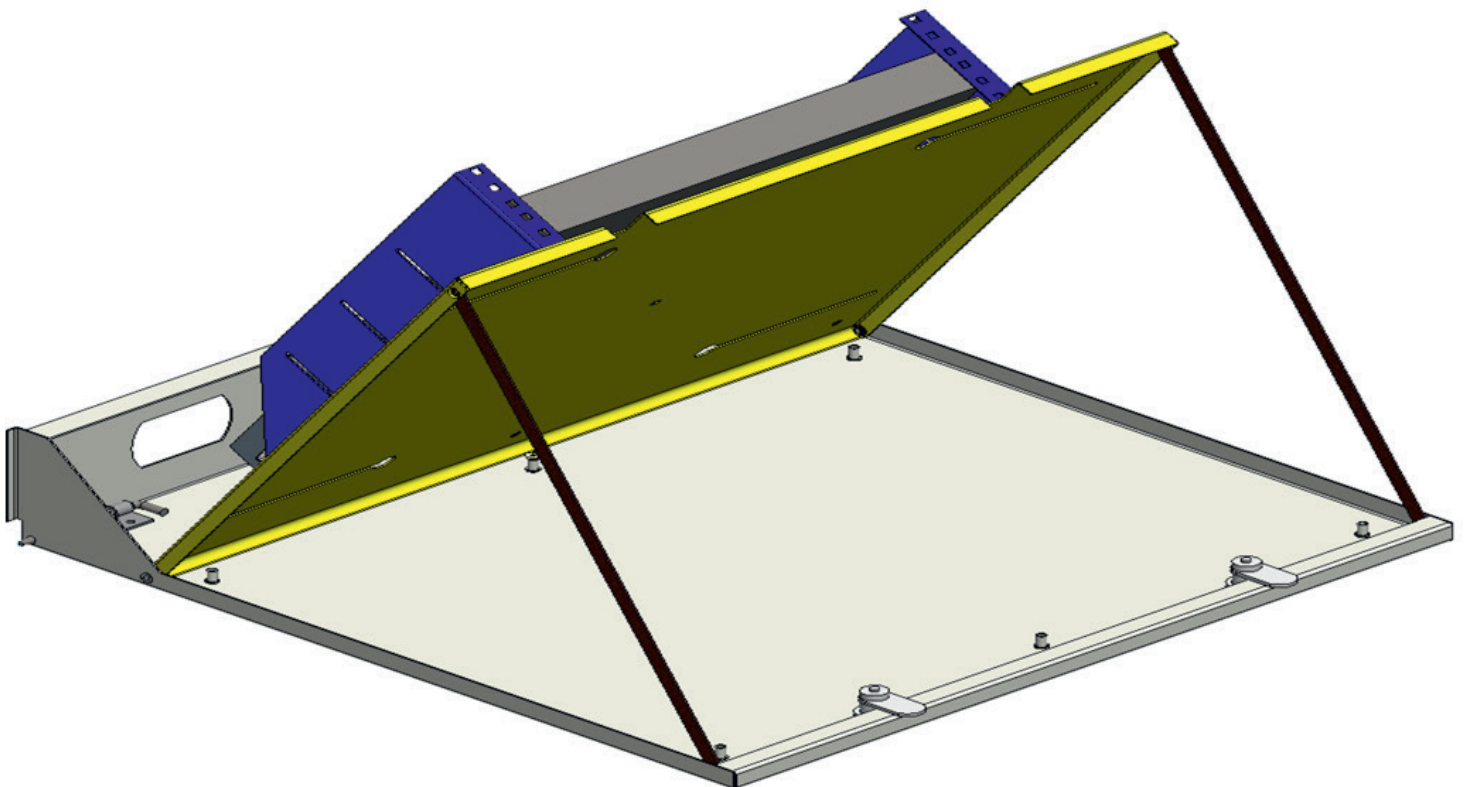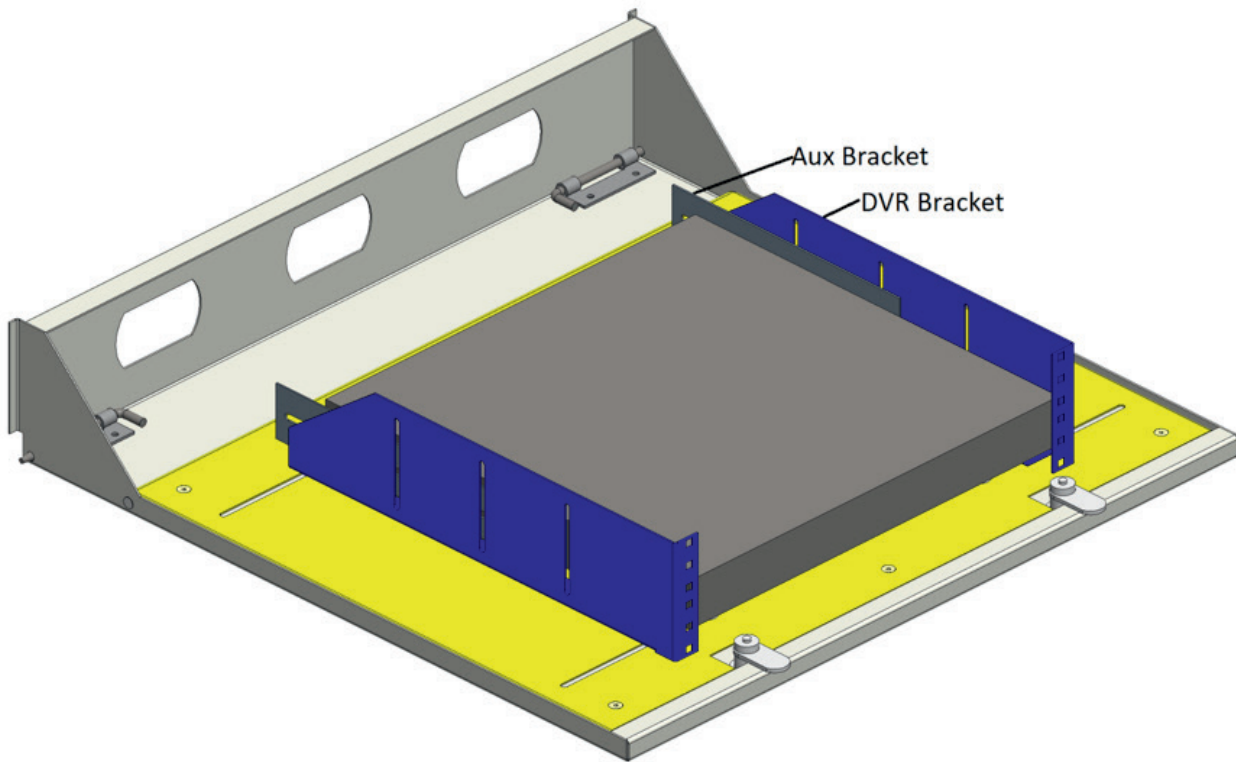
DVR/NVR Mounting Plate

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

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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.

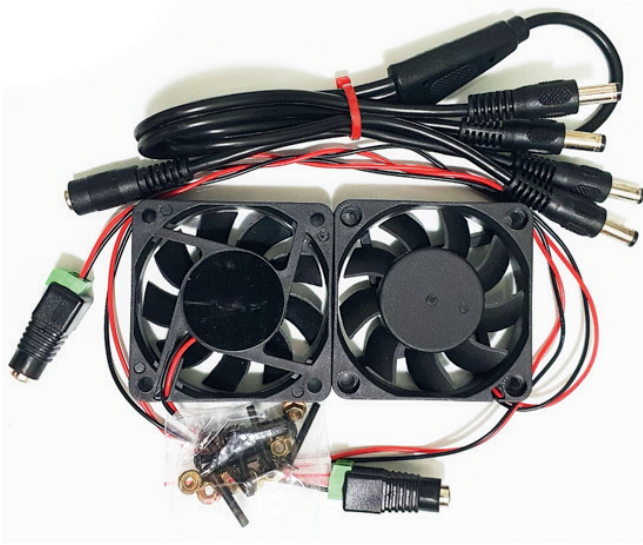## Cabinet Door Assembly with DVR

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.

STANDARD INCLUSIONS
4 Way Power Distribution Unit

STANDARD INCLUSIONS

with
Low Noise Cooling Fan Kit -2600RPM   12VDC - 1A Power Supply   and
temp. sensor switch is included
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.

- Next, install the monitor, refer to page ~~5~~. 4
- 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 ~~6-7~~) 5-6
- Use cable strap eyelets for a professional installation.