

PA-WMCAB-W

TECHNICAL AND INSTALLATION GUIDE

This document contains important information. Please read before the installation



This product is not suitable for highly corrosive environments

PA-WMCAB-W - INSTALLATION GUIDE - DVR / NVR Secure Wall Mount Cabinet

The Cabinet - DVR/NVR shelf has a capacity of up to 2U height, up to 490mm width & 400mm depth, with space to mount up to a 24" LCD monitor*. It can accommodate most DVR/NVR's and other access control and alarm system, making it a versatile Controller Cabinet

Product features:

- Compact: size 585(W) x 650(H) x 180(D)mm (closed)
 - Capacity: 2RU, 200~490mm width, 400mm depth
 - Cable management knock-outs are in the wet and dry compartment
 - Ventilation: Temperature controlled 12VDC Low Noise Fan and air intake filter
 - Fits up to 24" monitor, with 75/100 VESA mounts
 - 2 x cabinet locks use padlocks for additional security
 - 30kg cabinet load bearing capacity (10kg vertical shelf)
 - 440mm width between mounting points to fit wall studs
 - Mild steel construction and white powder coating
 - 4 x outlet power distribution unit(included)
 - Temperature controlled Cooling Fan (included)
 - Cooling Fan Power Supply (12VDC 1A included)
 - 1.5m Power Cord included.
- * *Ensure that the monitor has horizontal / downwards-facing input ports & power connectors*
- * *NOTE: We recommend only using slimline thin bezel monitors (max Size 540x340x45 WxHxD); other monitors may not fit.*
- * *4 x M4 x 10mm screws included for monitor mounting*
- * *4 x washers included - to be ONLY used as a spacer if the monitor bracket fits into a recess at the back of the monitor.*

Shipping Weight and Dimensions

Cabinet Dimensions

~ Width-585mm ~ Height – 650mm ~ Depth – 180mm ~ Weight 16.5Kg

Packing Dimensions

Width-630mm ~ Height – 690mm ~ Depth – 230mm ~ Weight 18Kg

UNBOXING and PRE-INSTALLATION CHECK

The cabinet is approximately 18Kgs and care should be taken when unboxing.

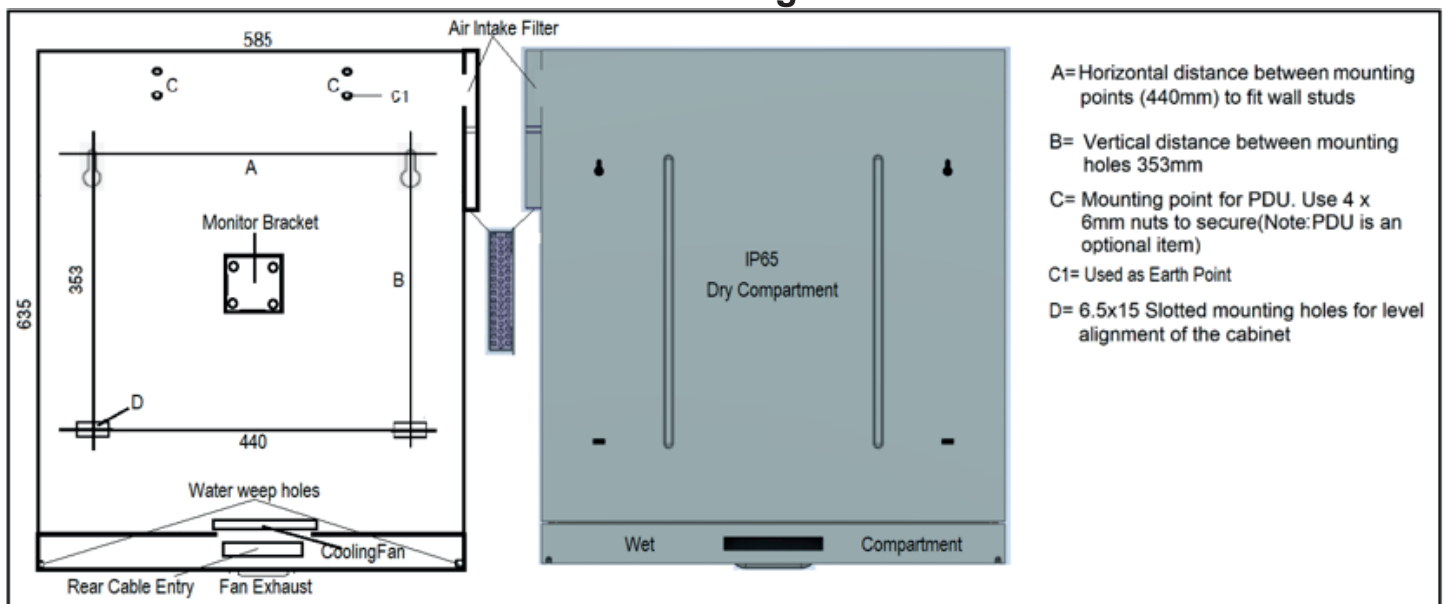
Suggested: open the end opposite to the product label and place open end on the floor or table. Slide the box up and remove.

2 cabinet lock keys will be fixed to the side packing foam.

INSTALLATION

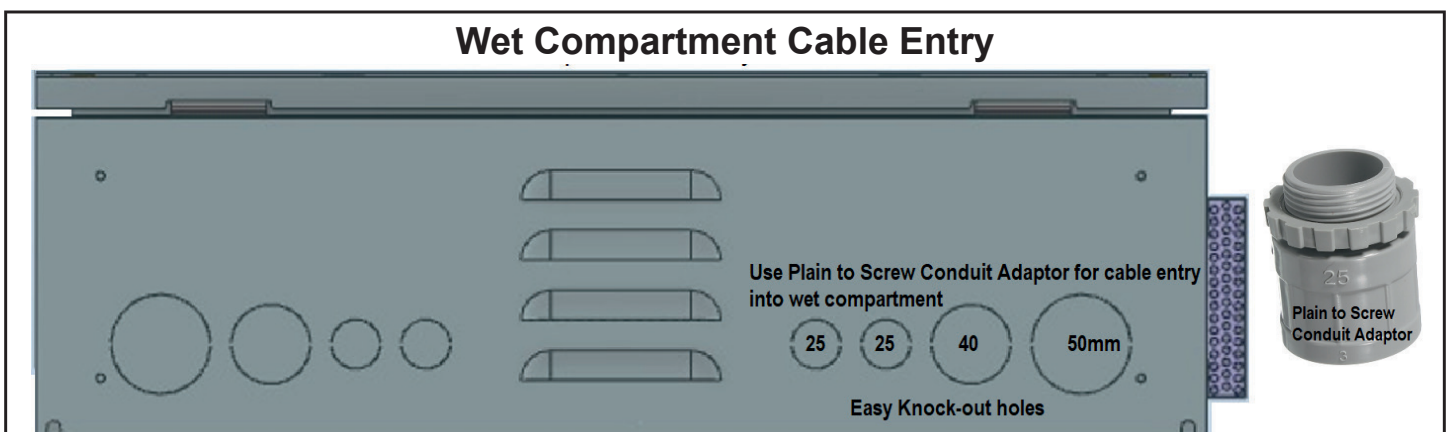
- It is recommended that the cabinet be mounted in a well ventilated area.
- The Right side of the cabinet must have a minimum of 200mm clear space
- The bottom of the cabinet must have no less than 300mm clear space
- Once a suitable location is found, mount the box with the center of the monitor bracket at eye level.
- It is recommended that the top mounting holes be at least 1600-1700mm from the floor.
- Use M6x50mm wood, metal or masonry screws secure the box to the wall.
- Use the 2 top mounting KEYHOLE type anchor points first 440mm apart.
- Use the 2 bottom mounting slot holes to level and secure the cabinet to the wall
- Ensure all 4 mounting screws are secure.

Wall Mounting Panel



▲ Figure 1

Wet Compartment Cable Entry



▲ Figure 2

- Remove 4 long screws securing the Wet compartment panel to the box
- Choose appropriate knock-outs for the cables that will enter the cabinet. (25/40/50mm)
- Fit Plain to Screw adaptor to the bottom cover. (Screw adaptors not supplied with the kit)
- Pull Cables into wet compartment(see image below)
- Gently knock out 12mm holes in dry compartment (See fig.3a)



▲ Figure 3

Dry Compartment Cable Entry

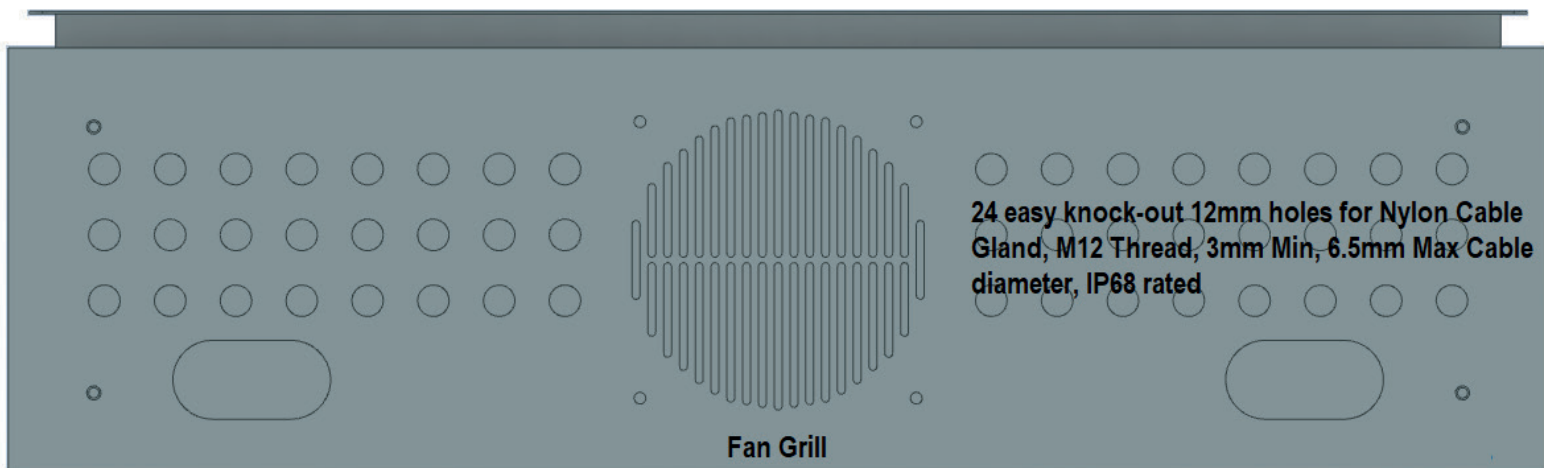


Fig. 3a

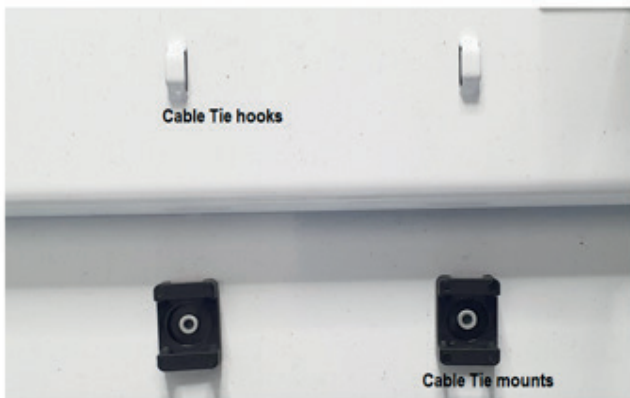
This end -inside
the cabinet



M12 Cable Gland



◀ Figure 4



▲ Figure 5

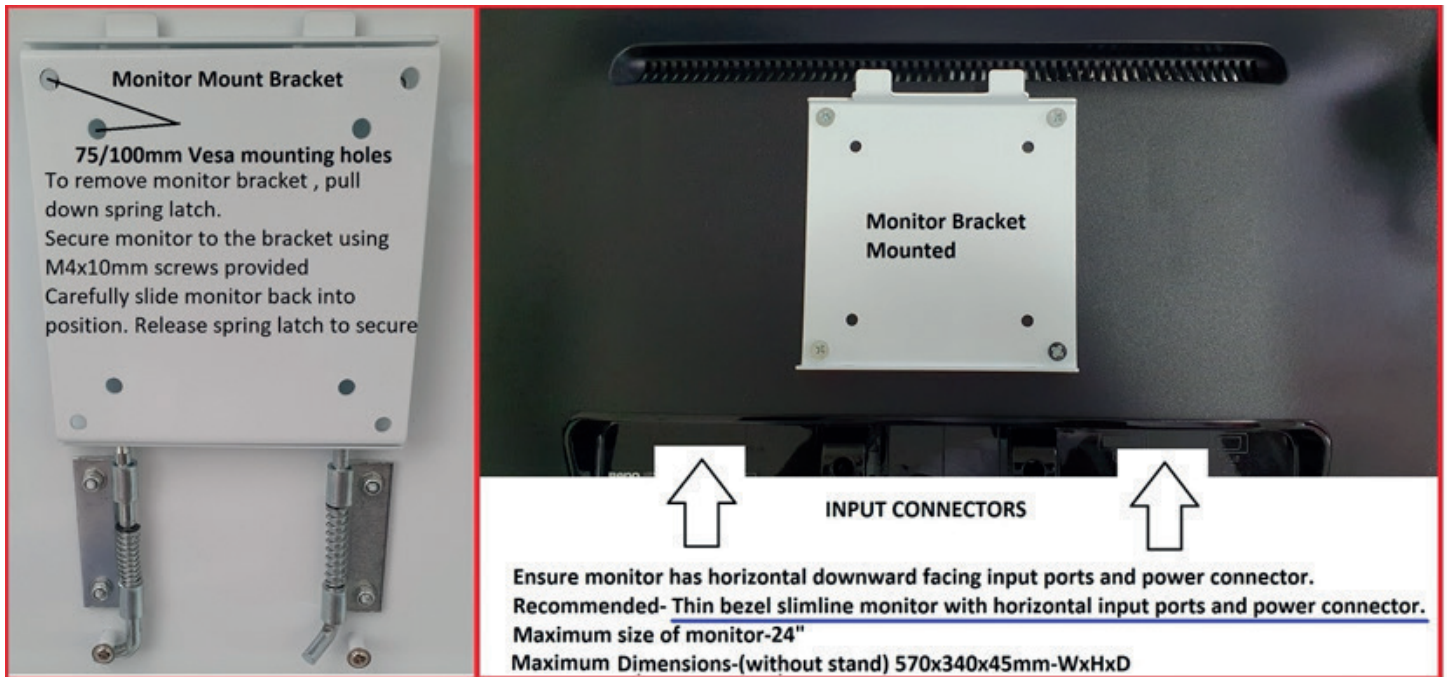
Use Cable tie mounts to secure your cables. (10pcs supplied)

Cooling Fan



* IMPORTANT NOTE

If this cabinet is used outdoors or in an area where there is a risk of ant or insect infestation, REMOVE THE TEMP. SWITCH and the fan must run continuously.



▲ Figure 6

DVR/NVR Mounting Plate



- Remove 6 M4 screws securing the NVR mounting plate to the door and tilt up
- Adjust the mounting brackets to the width of the NVR using the M4 wing nuts

Very Important Installation Notes

- It is highly recommended to use Plain to Screw adapters and IP68 - M12 cable glands for cable entry into the cabinet. See fig. 3, 3a, 4
- All Mounting holes and Cable entry holes must be sealed with a water-proof sealant.
- Do not install the cabinet in a high corrosive environment.
If this cabinet is fitted outdoors or in an area where there is a risk of ant or insect infestation, remove the fan switch and the fan must run continuously.



▲ Figure 7

Maintenance Schedule

Air Intake Filter : Filters need to be cleaned regularly if installation is in a dusty or outdoor environment.

- Remove the 4 M4 nuts securing the Air Intake Filter to the Cabinet
- Remove the 2 filters and clean with soap and water. Dry with a cloth.
- Replace, the fine filter at the bottom and coarse filter at the top (as in fig. 7)
- Replace and secure the Air Intake Filter
- Make sure the M4 nuts are properly tightened to avoid water entering the cabinet.