

MATRIX FRAME & FRAME TOUCH (Inc. MiniFrame) Installation Manual



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Safety Regulations and Important Warnings

- ! Please read all operating and maintenance (servicing) instructions in the literature accompanying this equipment. If these instructions are not followed exactly, possible bodily injury may occur.
- ! The MATRIX FRAME unit is suitable for mounting on wall only.
- ! To avoid shock, do not perform any non-authorized servicing. Disconnect the product from the power line before removing covers. Any adjustment and maintenance of the opened device should be done only while the device is disconnected from its source of power and should only be performed by qualified personnel.
- ! For the unit, use only Limited Power Source (marked LPS) certified AC/DC adapter, having rated output 24VDC, min.2.5A
- ! For Touchscreen, use only Limited Power Source (marked LPS) certified AC/DC adapter, having rated output 12VDC, min. 3.33A
- ! Unit is intended for maximum operating ambient 40 degree C”

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1. General

This document contains an overview of the MATRIX FRAME unit major hardware parts and provides a step by step installation

The MATRIX FRAME is a wall mounted unit with configurable bins structure.
The unit is fully controlled by a dedicated PC offering highest level of security and management.



FRAME TOUCH



FRAME

1.1. Product specification:

- Bins size: configurable
- Total size: (LxHxD) 1,000x660x120mm (39.4x26x4.7 Inch)
(MiniFrame) (LxHxD) 700x510x120mm (27.5x20x4.7 Inch)
- Weight: 36 kg (79lb) 25 kg (55lb) (MiniFrame)
- Materials: Top quality metal frame and ABS plastic bins
- Power supply: 110AC +/- 10% or 220AC +/-10%

1.2. Product contents:

- MATRIX FRAME
- 10 Inch Panel PC (Touch version)
- RFID reader (Touch version)
- Biometric reader (Touch version)
- Security video camera (Touch version)
- Power supply cable

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Step 1 – installing the FRAME unit

It is highly recommended to install the unit on a concrete or brick wall.

In case of installation on a drywall, use the dedicated masonry anchor showed below:



- 1) Mark the recommended height of 1.83m (72inch) from floor at the center of the unit
For **MiniFrame** recommended height is 1.73m (68inch) from floor

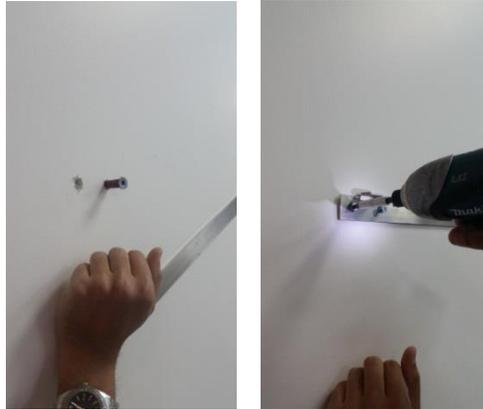


- 2) Drill the center hole and connect the mounting panel. Use a leveler and mark the 4 remaining holes



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3) Drill and connect the other 4 screws tightly



4) Take the FRAME unit out of the package using the two strips



5) Lift the unit from both sides and hang it with the hooks until it is hanged secured



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- 6) Insert the supplied key to the side lock and turn it 90 degrees. Press on the right side button and full the lower side of the frame cover. Lift the cover to remove it completely.



- 7) In order to secure the system from possible thefts (by lifting and taking the entire unit), drill and connect another screw on the bottom right side. **Make sure not to damage the wires and electronics!**

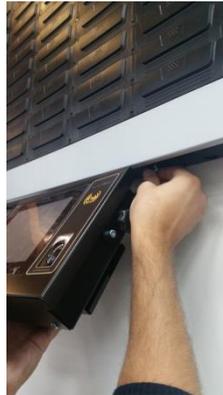


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- 8) Close the frame cover by placing the upper side first. Press on the side button (make sure that the key is still turned) and push bottom until it's fasten. Release the side button and take out the key by turning it to unlock position



- 9) Connect the PC housing from both hanging arms to the bottom of the unit using 4 screws until its fully tighten



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10) Connect the connection cable to the left socket at the bottom of the FRAME unit (behind the PC)



11) Connect the FRAME power adaptor plug to the right socket at the bottom of the FRAME unit and secure with the plastic connector (behind the PC)



12) Connect power cable to the socket and plug it to the power outlet



13) The machine will now turn on automatically

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Step 2 - Camera installation

- 1) Connect the camera power cable at the back side and plug it into the power outlet



- 2) Mount the camera to the wall or ceiling and point it to the unit direction

WiFi connection (optional item)

- Machine will connect automatically to the camera
- Wait until the light around the camera lens is green (it may take several minutes)

Cable connection (optional item)

- Connect the free Lan socket to the camera with TCPIP cable:
Open the computer rear cover by pressing the two metal tabs away from the metal casing.
Insert TCPIP cable and drive it across the back opening, then close the lid back. Connect the other end to the camera.



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Step 3 – Internet connection (optional, recommended – enables software updates and remote support)

Cable connection

- Connect the free Lan socket to the internet with TCPIP cable:
Open the computer rear cover by pressing the two metal tabs away from the metal casing.
Insert TCPIP cable to the middle RJ45 port (right LAN port) and drive it across the back opening, then close the lid back. Connect the other end to your local network.



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Manual Override – open bins in case of power failure

1. Insert the supplied key and turn 90 degrees



2. Press firmly on each of the 18 buttons on the bottom side of the unit until all the bins have opened
(You may need to use considerable force)



3. Turn and pull, insert the key when finish

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Connecting Touch and Pod

1. **Disconnect the FRAME power adaptor plug from the socket at the bottom of the FRAME**
2. Open the touch and pod's frame covers
3. Drive the flat connector cable through the pre-opened designated hole and outside of the Touch FRAME



4. Drive the flat connector cable into the Pod through the designated hole.

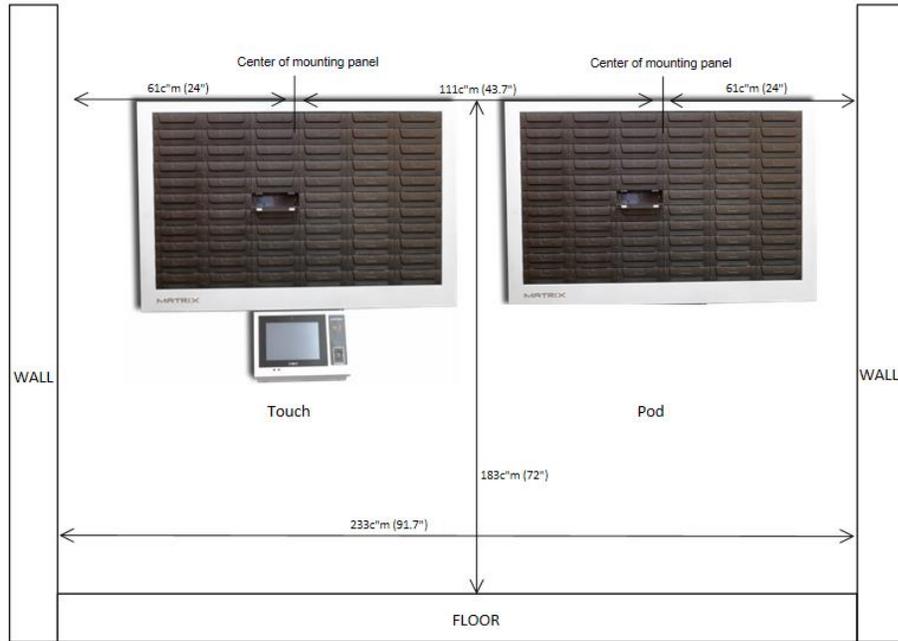


5. Connect the flat cable connector to the connector in the Pod board. Make sure it is firmly connected



6. Close the FRAME Touch and Pod covers and reconnect the FRAME power adaptor plug to the socket at the bottom of the FRAME Touch.

Side By Side Configuration



One on Top of the other configuration (Requires pre-order)

