



USER MANUAL PGM-001

Glass Mount Solution for IAdea 10"
All-In-One Display





Product Content:

3M VHB™ Industrial Heavy Duty Mounting Tape (90 mm x 70 mm)



Grey cover sheet (210 mm x 297 mm)



Instructions:

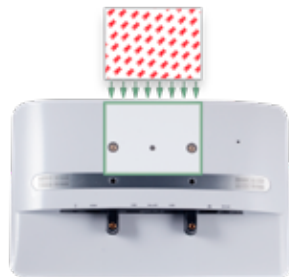
Step 1: Clean the glass surface

Clean the glass surface where the 10" display will be mounted with isopropyl alcohol (IPA) and water solution (1:1 ration) then wipe the surface dry with clean cloth.



Step 2: Apply the 3M VHB™ Industrial Heavy Duty Mounting Tape

Feel the edges of the back plate for the transparent film protector and peel it off. Clean the surface with isopropyl alcohol (IPA) and water solution (1:1 ration) then wipe dry with clean cloth. Remove one adhesive covering of the 3M VHB™ tape and apply the readily adhesive side to the cleaned surface of the back plate.



Step 3: Remove the back plate

Remove the screw at the top of the 10" display with a Phillips screwdriver to separate the back plate from display. Gently pry along the edges of the 10" display to detach the back plate like a smartphone case.



Step 4: Position the back plate with easily released adhesive tape

Hold the back cover plate against the glass surface over the area where the 10" display will be mounted. Use a line leveller to ensure the cover plate is straight and parallel to the ground. Once the positioning is of satisfactory, use easily released adhesive tape to join the top of the cover piece to the glass surface. Masking tape, also known as painter's tape, is highly recommended choice of easily released, no-residue, pressure-sensitive adhesive tape.



Step 5: Secure the back plate to glass surface permanently

Lift the back plate and remove the last adhesive covering of the 3M VHB™ tape. Lower the back plate down and apply direct and evenly distributed pressure over the joint region between the glass surface and back plate for 30 seconds. The 3M VHB™ tape requires 15 psi (100kPa) of applied force for optimal performance. Allow a resting period of 24 hours, with easily released adhesive tape still attached, before setting the 10" display into the back plate.



Step 6: Mount the 10" display to back plate

Remove the easily released adhesive tape. With the screen facing you, use one hand to hold up the display and the other hand to firmly push the display into each of the 6 locking points of the back plate. Give a few pushes with both hands distributed over the 10" display. Rescrew the back plate screw back into its spot at the top to complete the mounting process.



Step 7: Install cover sheet to hide visible cables

Install cover sheet on the back surface of the window where the back-side of the XDS-1078 is visible through the glass.



Technical Specification:

	3M VHB™ Industrial Heavy Duty Mounting Tap	Cover Sheet
Color	Clear	Grey
Dimension	90 mm x 70 mm x 1 mm (3.52" x 2.75" x 0.04")	210 mm x 297 mm (8.3" x 11.7")
Installation Temperature Range	Ideal range: 21 °C to 38 °C (70 °F to 100 °F) Suggested minimum: 10 °C (50 °F)	N/A
Functional Temperature Range	-40 °C to 93 °C (-40 °F to 200 °F)	N/A
Maximum Load	2,000 g (4.4 lb) ** Total XDS-1078 weight: 925 g (2.04 lb) including Ethernet cable and power adaptor	N/A

FAQ:

Will moisture of cold temperature affect the adhesiveness of the 3M VHB™ Industrial Heavy Duty Mounting Tape?

Moisture and cold temperature will only affect the adhesiveness of the 3M VHB™ tape during installation. When the 3M VHB™ tape is installed outside of the recommended installation temperature range of 21 °C to 38 °C (70 °F to 100 °F), over a clean and dry glass surface, the tape will become less durable and less effective in withstanding the load of the 10" display in its functional temperature range of -40 °C to 93 °C (-40 °F to 200 °F)

How do I hide the cables?

Customers are recommended to use PoE for installation to minimize wiring. This built-in single-wire solution allows XDS-1078 to receive power and data, simultaneously. This requires one end of the Ethernet cable to connect with the XDS-1078 and the other to connect with a PoE enabled switch or router. If the XDS-1078 will be mounted beside a hollowed door frame, the Ethernet cable can easily be hidden from sight by having the Ethernet cable be pulled through the hollowed space and out of a drilled hole on the door frame which can be covered by the XDS-1078 when installed.



Can I order spare 3M VHB™ tape?

Yes. 2 spare package options are available for additional order.

	3M VHB™ Industrial Heavy Duty Mounting Tape	Cover Sheet
Option 1	x 2	x 2
Option 2	x 10	x 10

Disclaimer:

IAdea has tested the solution thoroughly in many different conditions and has found satisfactory. However, PGM-001 Glass Mount Solution for IAdea 10" All-In-One Display is only recommended to be used on standard glass surfaces which have not been treated with decorative materials such as frosting spray or window film. The functionality and performance of the 3M VHB™ tape and cover sheet can be affected by a variety of factors which are highly difficult to identify. It is the responsibility of the users to fully evaluate the product and determine whether the product is suitable for their intended purpose and method of application. The information delivered in this manual are based on tests and experiences presented by the 3M VHB™ supplier. IAdea cannot make any guarantees on the accuracy and completeness of the technical information provided by the 3M VHB™ supplier.



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