INTEGRATING SLICE VESA WALL MOUNT WITH MONITOR QUICK RELEASE BRACKET KIT

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This Article is brought to you for free and open access by Technical Disclosure Commons. It has been accepted for inclusion in Defensive Publications Series by an authorized administrator of Technical Disclosure Commons.
Disclosed is a solution for integrating Slice VESA Wall Mount with Monitor Quick Release Bracket Kit.

This solution enables new PC products to be compatible with existing HW solutions. Customers would then only need to update their PCs while continuing to use their current monitors.

Also, no modification to current Quick Release Kit and Slice VESA Wall mount physical parts is required for this solution. It minimizes the impact to product design and maximizes customer usage benefit.

1. Solution Implementation

The integration solution involves the following steps.

- Create a fix nut comprising of one metal nut and a rubber ring around the nut. Total quantity of 4 is required.
- For each mounting screw hole on the Quick Release Bracket Hanger, include the above nut.
- Then screw on the Slice VESA Wall mount Bracket using existing screws provided with the wall mount kit.

Fig.1 shows how the solution is applied and integrated.

**Solution Proposal Overview**

*Fig.1 Integrating Slice VESA wall mount with Quick Release Kit*
2. Design Fundamentals

The following figures explain how the design fundamentals of this solution.

Fig. 2 shows the Quick Release Bracket hanger with Steel Nut and Rubber Ring solution. This forms the screw thread that is needed to fasten (or lock) the screw in place. See Fig. 3.

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**Fig. 2 Quick Release Kit - Steel Nut and Rubber Ring Installation**

**Fig. 3 Slice 1.0 VESA Wall Mount integrated with Quick Release Kit**
3. Customer Benefits

With this solution installed, customers can now integrate Slice 1.0/2.0 modules with their monitors (equipped with Quick Release Bracket Kit) using multiple tool-less release methods as shown in Fig. 4.

![Customer Use-Case Scenario 1](image)

**Customer Use-Case Scenario 1**
Slice 1.0/2.0 module released from VESA plate

![Customer Use-Case Scenario 2](image)

**Customer Use-Case Scenario 2**
Use-Case 2: Slice 1.0/2.0 module released from Quick Release Hanger

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