

## **VESA Flat Display Mounting Interface (FDMI) Overview**

### ***General***

The purpose of this standard is to define mounting interface standards for Flat Displays (FDs) such as flat panel monitors, flat displays and flat TVs.

### ***Objectives***

The standard is designed to meet the following objectives:

Define a set of mounting interface standards for the complete range of FDs with viewing areas ranging in size from 102 mm (4") to 2286 mm (90") diagonal. FDMI is designed to support a broad range of mounting options including desktop, wall, overhead, mobile and specialty mounting applications.

Define a set of corresponding standards that describe interface mounting pads, wall mount brackets and other mounting apparatus to be provided by mounting equipment manufacturers.

### ***Benefits***

Key features and benefits of FDMI are:

- Low cost, standardized mounting interfaces for a broad range of FD sizes and applications.
- Low cost, standardized mounting interfaces to meet specialized needs and applications.
- Full mounting and/or positioning flexibility of FDs to provide ergonomic benefits, space savings and broad industry utilization of FDs.
- Standardized mounting apparatus for low cost installation in a broad range of applications.
- Access to all markets and applications for FDs.
- Significant economic benefits for all parties associated with the manufacture, sale, and use of FDs.

### ***Scope***

This standard consists of six parts as outlined below:

#### **Part A – Open, Future**

This part will remain open for a potential future mounting interface standard.

#### **Part B 4"– 7.9" Diagonal Flat Displays**

This part shall apply to FDs with a viewing area ranging in size from 102 mm (4") to 202 mm (7.9") diagonal and weighing up to 2 kg (4.4 lbs.).

Implementation of this standard shall include providing the specified four-hole mounting interface set forth in Part B, Section 3 of this standard.

#### **Part C 8"– 11.9" Diagonal Flat Displays**

This part shall apply to FDs with a viewing area ranging in size from 203 mm (8") to 304 mm (11.9") diagonal and weighing up to 4.5 kg (10 lbs.).

Implementation of this standard shall include providing the specified four-hole mounting interface set forth in Part C, Section 4 of this standard.

**Part D 12"– 22.9" Diagonal Flat Displays**

This part shall apply to FDs with a viewing area ranging in size from 305 mm (12") to 583 mm (22.9") diagonal and weighing up to 14 kg (30.8 lbs.).

Implementation of this standard shall include providing any of the following mounting interface options:

Center Mounting Implementation: Providing either of the specified center mounted, four-hole mounting interfaces set forth in Part D, Section 5, Paragraph 5.2 of this standard.

Edge Mounting Implementation: Providing either of the specified edge mounted, four-hole mounting interfaces set forth in Part D, Section 5, Paragraph 5.7 of this standard.

Center and Edge Mounting Implementation: Providing either of the specified center mounted, four-hole mounting interfaces set forth in Part D, Section 5, Paragraph 5.2 of the standard and providing a corresponding width, edge mounted, four-hole mounting interface as set forth in Part D, Section 5, Paragraph 5.7 of this standard.

**Part E 23"– 30.9" Diagonal Flat Displays**

This part shall apply to FDs with a viewing area ranging in size from 584 mm (23") to 786 mm (30.9inches) diagonal and weighing up to 22.7 kg (50 lbs.).

Implementation of this standard shall include providing any of the following mounting interface options:

Center Mounting Implementation: Providing the specified center mounted, six-hole mounting interface set forth in Part E, Section 6, Paragraph 6.2 of this standard.

Edge Mounting Implementation: Providing the specified edge mounted, six-hole mounting interface set forth in Part E, Section 6, Paragraph 6.7 of this standard.

Center and Edge Mounting Implementation: Providing the specified center mounted, six-hole mounting interface set forth in Part E, Section 6, Paragraph 6.2 of the standard and providing the specified edge mounted, six-hole mounting interface set forth in Part E, Section 6, Paragraph 6.7 of this standard.

**Part F            31”– 90” Diagonal Flat Displays**

This part shall apply to FDs with a viewing area ranging in size from 787 mm (31”) to 2286 mm (90inches) diagonal and weighting up to 113.6 kg (250 lbs.).

Implementation of this standard shall include providing the specified multi-hole mounting interface set forth in Part F, Section 7 of this standard.