



U-BRACKETS

ONE SYSTEMS®

One Systems® offers a variety of “U” brackets. Each bracket is optimized for a particular One Systems enclosure. The enclosures are as follows:

103IM	108IM	212CIM	118IM-Sub
106IM	208CIM	212IM	Cross Field Array-2
108CIM	112IM	312CIM	(CFA-2)

The U-bracket design allows for either a vertical or horizontal wall of ceiling mounting of each specific enclosure. Each U-bracket is designed for a high safety margin and is made of a stainless steel alloys that will allow both outdoor and indoor mounting. The standard alloy is 304-grade stainless steel. One Systems also offers U-brackets in marine-grade (316-grade) stainless steel for installations in marine environments within 10 miles / 16 kilometers of salt water.

Caution should be exercised when connecting One Systems marine-grade products and marine-grade rigging to other metallic, non 316-grade stainless steel surfaces (dissimilar metals). The potential for galvanic corrosion is high in marine environments where the One Systems marine-grade enclosures and rigging are specified or required. Compatible metals and appropriate anode to cathode area ratios must be maintained. A structural engineer with galvanic corrosion experience should be consulted prior to installation of marine grade products, or any One Systems products in marine environments.

A One Systems U-bracket installation guide can be found on the ONE SYSTEMS web site under the home page Documentation Tab, followed by Technical Papers, and then to the U-bracket installation guide hyperlink: http://onesystems.com/pdf/education/U_Bracket_Installation.pdf

The U-bracket installation manual should be carefully reviewed prior to installing U-brackets on any ONE SYSTEMS enclosures.

It is necessary that the installation and application of all suspended products conform to local and national codes. Installation of U-brackets should only be attempted by an experienced professional that is familiar with local and national codes and safe suspension practices. ONE SYSTEMS also requires that the document “Rigging and Suspension of ONE SYSTEMS Products” be read and completely understood. This document is also available from our home page Documentation Tab, followed by the Technical Papers link, to the rigging manual: http://onesystems.com/pdf/education/Rigging_and_Suspension.pdf

ONE SYSTEMS®

One Systems, Inc • 6204 Gardendale Dr. • Nashville, TN 37215
One Systems Global Co. Ltd. • 87/114 Modern Town 15th Floor • Sukhumvit 63 Ekkamai Soi 3
Klongtoey, Bangkok 10110 Thailand