

# 50.8 x 500mm, Gimbal Crossmember Plate, English

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500mm, Gimbal Crossmember Plate

Stock **#71-115** 1 In Stock

-

1

+

€285<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €285,00 each                  |
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**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                 |               |
|-------------------------|---------------|
| Mounting Plate          | Type:         |
| Zaber Technologies Inc. | Manufacturer: |

| Physical & Mechanical Properties |              |
|----------------------------------|--------------|
| 50.80                            | Length (mm): |

|        |                 |
|--------|-----------------|
| 9.50   | Thickness (mm): |
| 500.00 | Width (mm):     |
| 1.12   | Weight (kg):    |

Threading & Mounting

|                                   |                   |
|-----------------------------------|-------------------|
| (17) 1/4-20 tapped<br>(8) M4 x0.7 | Mounting Threads: |
|-----------------------------------|-------------------|

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | Reach 247:                  |

Product Details

- 360° Continuous Travel
- Speed up to 24°/s, Max Torque of 10N-m
- Max Centered Payload of 15kg; Max Cantilevered Load Capacity of 20N-m
- 300 and 500mm Payload Width Frame Options Available

Zaber™ High Load Capacity Motorized Gimbals are large, motorized two-axis rotation platforms that simplify the angular positioning of large components or subsystems within an optical system. All gimbals feature 360° continuous travel, two axis rotation around a single point, speed up to 24°/s, a Cantilevered Load Capacity of 20N-m, a rotary quadrature encoder resolution of 200 counts per revolution (CPR), and are available for payload widths of either 300 or 500mm. Drilled and tapped crossmember plates, used to create a mounting platform within the gimbal, are available with either English ([#71-113](#) or [#71-115](#)) or Metric ([#71-112](#) or [#71-114](#)) mounting options, and can also be used to quickly swap different components or pre-built subsystems into the gimbal. Zaber™ High Load Capacity Motorized Gimbals feature built-in controllers and motors allowing for closed-loop operation, slip/stall recovery, and independent axis control via a single RS-232 or USB connection for plug-and-play functionality and easy system integration. These gimbals are ideal for telecom, scanning, and tracking applications where high-load capacity and high-precision angular positioning is required.

**Note:** A [48 VDC universal power supply, data cables](#) for daisy chaining, and computer interface cables ([USB](#) or [RS-232](#)) are sold separately as accessories. All Zaber™ High Load Capacity Motorized Gimbals are compatible with [Zaber Launcher](#) and [Zaber's Motion Library](#).