



## THE DDM500, THE LARGEST STANDARD MOUNT WITH DIRECT DRIVE AND ABSOLUTE ENCODERS AVAILABLE WORLDWIDE.

Over 15 years of experience went into the design of the DDM500. Ready to carry large aperture telescopes with the highest level of pointing and tracking accuracy. Load capacity is 500kg/1100lbs on a custom-built pier. The ASA DDM500 is the perfect workhorse for all areas of research ranging from astronomical observations to laser communication and satellite tracking.

## Main Facts

### Type

Alt-Azimuth (separate addon) / Equatorial

### Dual mounting (TWIN)

Yes, 2x 500kg

### Motor

ASA Direct Drive

### Latitude Range

0 to 90 degrees

### Max. load capacity

500kg (1102lbs)

### Weight mount (without counterweight)

281kg (620lbs)

### Power supply

Included 24 volts

### Software

ASA API (application programming interface) available autumn 2023 ASA Software (Autoslew, Sequence-windows based) with ASCOM-Alpaca

### Max. slew speeds

Up to 50 degrees per second

### Pointing Accuracy (20° to 85°)

<8" RMS with pointing model and ASA telescope

### Tracking Accuracy (20° to 85°)

<0,25" RMS within 5 minutes tracking time over 5 min 0,05" RMS/min

### System Natural Frequency

10 Hz or greater