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Ultima Clear Edge Mirror Mount, 1.0 in., 2 Locking Knob Adjustment

MODEL: U100-A2K

$109

In Stock

Compare Add to List (/favorite/add/product/U100-A2K)

Overview

The U100-A2K ULTIMA Clear Quadrant Mirror Mount offers unsurpassed functionality. Thick front and rear plates and optimized, stiff springs improve the long-term stability and provide greater protection against vibrations. The patented clear quadrant design exposes the edge of the optic, allowing beams to pass close to the edge of a mounted optic. The actuators can be quickly changed to accommodate a broad selection of adjustment screws, micrometers, and motorized actuators. Hard carbide pads enable smooth, repeatable motion. A large array of optical mounting accessories is available for these mounts making ULTIMA a basic building block for many optical systems. This optical mount for 1 inch (25.4 mm) diameter optics includes two 100 TPI locking actuators with knob providing ±7° of tip/tilt adjustment. Convenient clearance mounting holes on each of two sides are compatible with either 8-32 or M4 screws providing quicker, more precise, and more secure mounting. ULTIMA mounts can be mounted to posts for adjustable height or pedestal posts for a stable fixed height.

Product Series Overview

ULTIMA Clear Edge Mirror Mounts (/f/ultima-clear-edge-mirror-mounts)

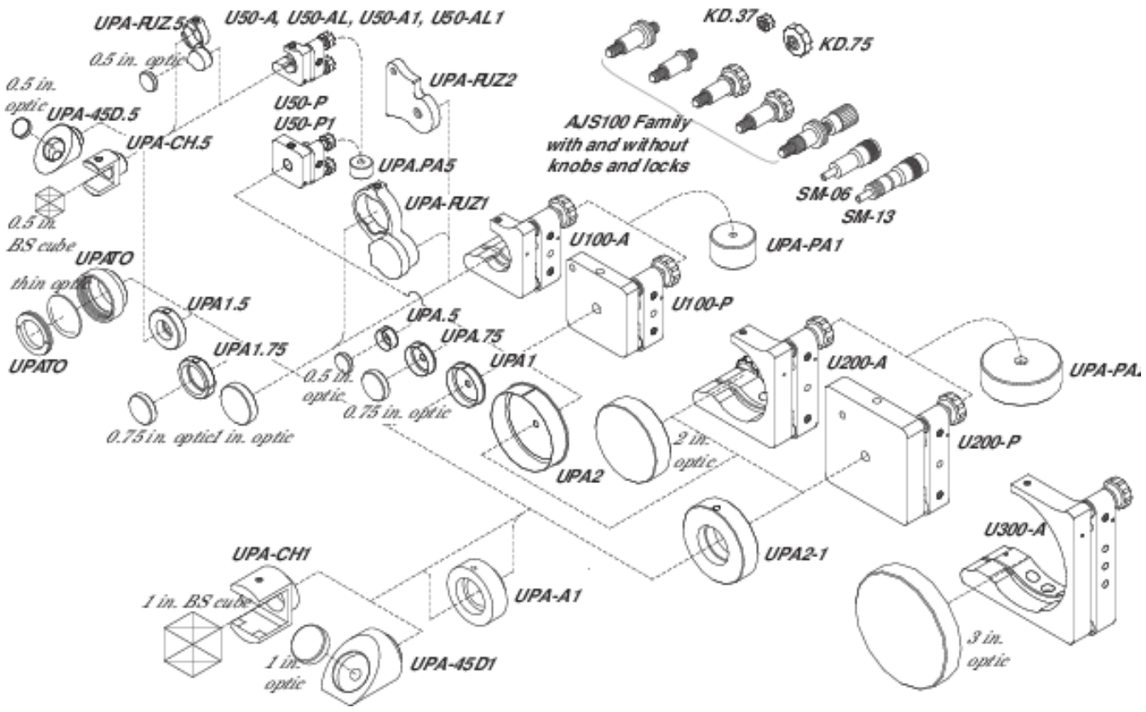
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(/f/ultima-clear-edge-mirror-mounts)

Technical Specs

Optic Diameter	25.4 mm	**Angular Range**	±7°
Adjustments	θx, θy	**Special Features**	Clear Edge
Drive Type	Knob, locking	**Material**	Anodized Aluminum
Adjustment Screw Thread	100 TPI	**Thread Type**	8-32 (M4) CLR
Mechanism	Kinematic		
Sensitivity	3.8 arc sec		



Resources & Downloads

2D / 3D CAD Software

Download CAD Files

Drawings And Cad

ULTIMASE-S (/medias/sys_master/images/images/hb9/hfc/9042749030430/ULTIMASE-S.pdf) (382.6 kB, PDF)

Other

U100-A2K RoHS Certificate (/mam/celum/celum_assets/resources/U100-A2K_RoHS2017.pdf?1) (279.1 kB, PDF)

Related Products

Similar

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/U100-A-LH-2K)	**U100-A-LH-2K (/p/U100-A-LH-2K)** Ultima Clear Edge Mirror Mount, 1.0 in., 2 Locking Knob Adjustment, LH		In Stock	$109
 (/p/U200-A2K)	**U200-A2K (/p/U200-A2K)** Ultima Clear Edge Mirror Mount, 2.0 in., 2 Locking Knob Adjustment		In Stock	$185

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Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/PS-1)	**PS-1 (/p/PS-1)** Stainless Steel Optical Pedestal, 1.0 in., 1.0 in. Diameter, 8-32		In Stock	$21
 (/p/9962)	**9962 (/p/9962)** Stainless Steel Optical Pedestal, Clean-Passivated, 1.0 in. Diameter, 6.0 in., 8-32		In Stock	$45
 (/p/PS-0.125)	**PS-0.125 (/p/PS-0.125)** Optical Pedestal Spacer, 0.125 in. Thick, 1 in. Dia., 8-32 (M4) CLR		In Stock	$8
 (/p/PS-0.5E)	**PS-0.5E (/p/PS-0.5E)** Optical Pedestal Post Extension, 0.5 in. long, Ø1.0 in., 8-32 end threads		In Stock	$17
 (/p/SN100C-F2K)	**SN100C-F2K (/p/SN100C-F2K)** Suprema Clear Edge Mirror Mount, 1.0 in, (2) 127-TPI Locking Actuators		In Stock	$136

Compatible

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/AJS100-0.5H-NL)	**AJS100-0.5H-NL (/p/AJS100-0.5H-NL)** Precision 100 TPI Hex Adjustment Screw, 12.7 mm Travel		In Stock	$23
 (/p/TRA12PPD)	**TRA12PPD (/p/TRA12PPD)** Miniature Motorized Actuator, 12 mm Travel, Stepper, 25-pin D-Sub		In Stock	$714
 (/p/KD.75)	**KD.75 (/p/KD.75)** Large Actuator Knob, For Hex Head Adjustment Screw, U100 - U300 Series		In Stock	$8
 (/p/AJS100-0.5K)	**AJS100-0.5K (/p/AJS100-0.5K)** Precision 100 TPI Adjustment Screw, 12.7 mm, Large Knob, Side Lock		In Stock	$30
 (/p/AJS100-0.5K-NL)	**AJS100-0.5K-NL (/p/AJS100-0.5K-NL)** Precision 100 TPI Adjustment Screw, 12.7 mm Travel, Large Knob		In Stock	$23
 (/p/AJS100-0.5H)	**AJS100-0.5H (/p/AJS100-0.5H)** Precision 100 TPI Hex Adjustment Screw, 12.7 mm, End Lock		In Stock	$30
 (/p/TRA12CC)	**TRA12CC (/p/TRA12CC)** Miniature Motorized Actuator, 12 mm Travel, DC Servo motor		In Stock	$747
 (/p/PZA12)	**PZA12 (/p/PZA12)** NanoPZ Ultra-High Resolution Actuator, 12.5mm Travel		In Stock	$1,095
(/p/10Q20NC.UV)	**10Q20NC.UV (/p/10Q20NC.UV)** UV Broadband Beam Sampler, UVFS, 25.4 mm, λ/10, 255-440 nm		In Stock	$189

Accessories

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/UPA1-.5)	**UPA1-.5 (/p/UPA1-.5)** Mirror Mount Adapter, 25.4 mm to 12.7 mm Diameter, For Ultima		In Stock	$22
 (/p/UPA1-.75)	**UPA1-.75 (/p/UPA1-.75)** Mirror Mount Adapter, 25.4 mm to 19.05 mm Diameter, For Ultima		In Stock	$32

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/UPATO)	**UPATO (/p/UPATO)** 1 in. (25.4 mm) Thin Optics Holder		In Stock	$39
 (/p/UPA-CH1)	**UPA-CH1 (/p/UPA-CH1)** Cube Beamsplitter Holder, 1 inch, For U100A Mount		In Stock	$75
 (/p/UPA-45D1)	**UPA-45D1 (/p/UPA-45D1)** 1 in. (25.4 mm) 45° Mirror Holder		In Stock	$45
 (/p/UPA-OM)	**UPA-OM (/p/UPA-OM)** Objective Lens Adapter, RMS Thread, 1-in. OD		In Stock	$39
 (/p/UPA-RM1A)	**UPA-RM1A (/p/UPA-RM1A)** Polarizer Rotation Mount, 1 inch, For U100-A Mount		3 Weeks	$53

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