iOptron® Tri-Pier 360

Instruction Manual

Product #8037

Tri-Pier 360 #8037

The iOptron® heavy duty Tri-Pier 360 combines the strength and stableness of a pier with the flexibility of a tripod. It is designed for iOptron CEM120 GOTO mounts. Other iOptron mounts can be mounted onto the Tri-Pier 360, with possible low latitude limitation. It also can be used for other brand mount with a proper customized mounting adapter.

- CEM70
- CEM60
- iEQ45 Pro/iEQ45
- AZ Mount Pro/MiniTower/MiniTower Pro (need Star Knobs with Center Post 8340-PIER)
- CEM40/GEM45 (need MiniPier 8032 or MiniPier top plate 8032PT)
- Paramount MyT (no adapter needed)
- Takahashi (EM-200), SkyWatcher (HEQ5/EQ6/NEQ6/AZEQ6), Celestron (CGEM/CGEM-DX), Orion Atlas (EQ-G/AZEQ-G) (need Tri-Pier adapter 8036-TK)
- Astro-Physics 400/600E/Mach1GOTO (need Tri-Pier adapter 8036-AP)
- ZEQ25/CEM25 (need Tri-Pier adapter 8036-25)
- Celestron CGX/CGX-L (need top plate 8039-CGX)

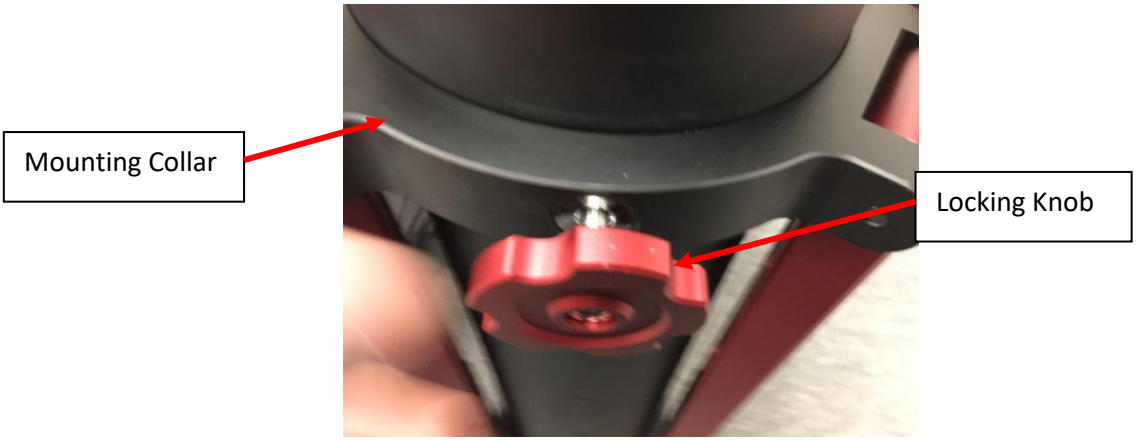
Specifications:

Max Payload	360 lbs (165 kg)
Self weight	~42 lbs (19 kg)
Material and Finish	Aluminum Alloy (CNC), anodized
Pier diameter	7 1/8" (181 mm)
Pier Wall Thickness	1/4" (6.35 mm)
Adjustable height	32"-40" (813-1015 mm)
Uneven ground range	2" (51 mm)
Leg maximum spread	Ø42" (Ø1065 mm)
Pier dimension folded	Ø11"x 31” (Ø280 x 785 mm)
Warranty	One year limited

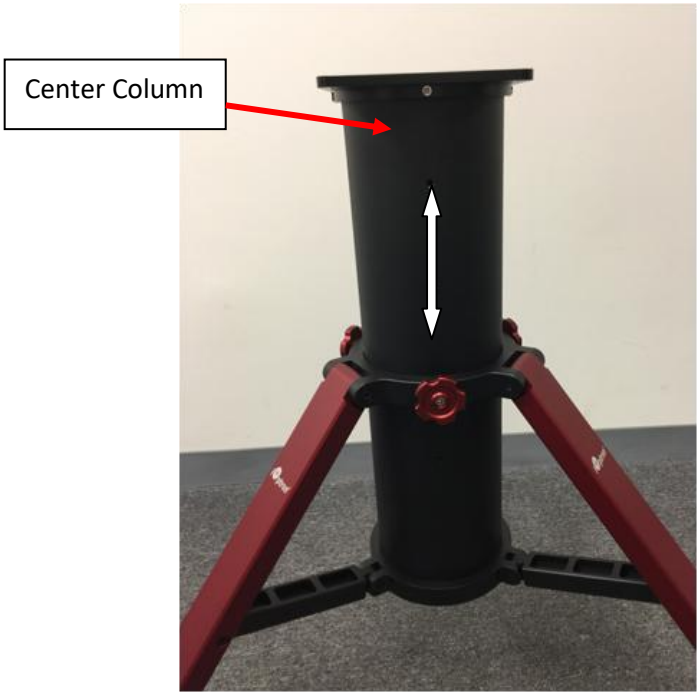
Assembly:

1. Take the Tri-pier out from the package. Remove the protection foams.

2. Unlock the locking knobs on the mounting collar.



3. Move the Center Column up or down to desired height where there is a hole on the Center Column. Lock the Locking Knob to secure the pier.



4. Adjust the individual feet to level the pier. Then tighten the feet locker by turn it upward to jam the leg.

5. To collapse the Tri-Pier 360, loose the Locking Knobs. Pull the collar up while stepping on the Tri-Pier 360 feet.

6. To switch a top plate, remove four socket screws to remove the CEM120 mounting plate and put a customized one on to it. One can also install an adapter on top of the CEm120 mounting plate.

Tri-Pier 360 Top Plate Dimension: