|  |  |
| --- | --- |
| Mount  | Ultracompact GOTO EQ/AZ mount  |
| Payload (Max.)  | 11 lbs (5kg), balanced  |
| Mount weight  | 2.9 lbs (1.3kg) with battery  |
| Structure material  | Metal frame structure  |
| Motor drive  | Dual-axis DC servo motor with optical encoder  |
| Transmission  | Synchronous belt  |
| Tracking speed  | Solar, Lunar, Cel, 1/2 Cel, and N/S  |
| Maximum slew speed  | 4.5°/sec (1080X)  |
| Worm period  | 600 sec  |
| RA/DEC worm wheel  | Φ77 mm, 144 teeth  |
| Hand controller  | Yes (with optional 8410 HC)  |
| Altitude adjustment range  | 0º ~ 80º  |
| Azimuth adjustment range  | ±5º  |
| Power Requirement  | Internal rechargeable battery  |
| Battery type  | Li-Poly, 3.7V, 2000mAh  |
| Duration of operation  | Up to 10 hours at 20ºC  |
| Polar scope  | iPolar electronic polar scope  |
| Counterweigh Shaft  | Φ20mmX200mm, 3/8" thread, stainless steel  |
| Counterweigh  | 3 lbs (1.3 kg)  |
| Dovetail saddle  | Vixen-type  |
| Body base connection  | Vixen dovetail, 3/8” socket  |
| Autoguiding  | ASCOM compatible  |
| Power charge port  | MiniUSB (5V)  |
| Wi-Fi  | Built-in  |
| Communication port  | Yes (Wi-Fi and USB)  |
| Firmware upgrade  | Yes (via USB port)  |
| Tripod  | 3221 Stainless Steel, optional carbon fiber tripod  |
| Pier extension  | Φ80x190 mm  |
| Operation Temperature  | -10ºC ~40ºC  |
| Warranty  | One year limited (90 day on battery)  |