|  |  |
| --- | --- |
| 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) |