

# New Product from iOptron®: HAE69B “iMate” Dual AZ/EQ Strain Wave Gear Mount

Woburn, MA, USA, September 8, 2023

Keeping pace with the current rapidly developing technology environment the iOptron HAE69 and HAE69EC SWG mounts have evolved into the HAE69B iMate™.

The “iMate” models feature a powerful 64-bit ARM based on-board computer with Wi-Fi, preloaded KStars planetarium software, Ekos control and automation tool and INDI drivers. This hardware-software combination will support the use of most current and future devices (cameras, focusers, filter wheels, etc.) allowing the user choice of brand and model.

With 32Gb eMMC storage along with a slot for an up to 64Gb TF (micro SD) memory, the iMate has the ability to control and capture an entire automated imaging session. The iMate is cross-platform; use it with Windows, IOS, Linux, Android etc.

HAE69B iMate dual SWG Alt-az/ Eq mounts now have an internal main board and no longer requires use with a handset.

## Features:

- Advanced strain wave gear system technology
- Payload capacity of 31 kg (69 lbs) with the mount weight of 8.6 kg (19 lbs, include dovetail saddle)
- PE <math>\pm 15</math> arcsec (HAE69B) or high precision encoder (HAE69B **EC**)
- CNC machined
- Unique friction brake to safely stop movement during a planned or unplanned power interruption
- Built-in, open source iMate™ computer with WiFi, preloaded KStars/Ekos/INDI driver and iPolarServer
- iMate with 3X 12V DC outputs, 2X USB2.0 and 1X USB3.0 ports
- No cable drags
- Go2Nova® handset with OLED for better user experiences, especially at extreme temperatures
- iPolar electronic polar scope for easy and accurate polar alignment (optional)
- Cable pass-through ready for customer cable management
- Dual saddle (Vixen and Losmandy-D styles)
- Built in zero position search and locator
- Power down position and location memory
- Integrated ST-4 autoguiding port
- Aluminum carrying case
- Two year warranty



Product #	Description	MAP
HE692B	HAE69B iMate	\$4428.00
HE692BH	HAE69B iMate w/handset	\$4648.00
HE694B	HAE69B <b>EC</b> iMate	\$5538.00
HE694BH	HAE69B <b>EC</b> iMate w/handset	\$5758.00

All prices are in US dollars



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