Product Name	EQ8-R Mount
Mount Type	German Equatorial Mount
Payload (Rated for astrophotography;counterweights excluded)	50kg
Latitude Adjustment Range	10°to 65°
Azimuth Adjustment Range	±10°
Weight(Tripod excluded)	25.8kg
Counterweight	2×10kg/ea.
Tripod	29.4kg
Counterweight Rod	2.6kg
Power Requirement	DC11 ~ 16V(Higher voltage preferred),55W
Motor	0.9°Hybrid Stepper Motor
Transmission	435:1 Worm Drive 256 Micro- step/0.9° Stepper Motor Drive
Gear Ratio	435
Resolution	44,544,000 Counts/Rev.,approx. 0.03 arc-second
Maximum Slewing Speed	3.7 degrees/second
Tracking Rate	Sidereal rate, solar rate, lunar rate
Tracking Mode	Equatorial mode
Auto-guiding Speed	0.125X,0.25X,0.5X,0.75X,1X
PEC	200 Segments Permanent PEC
GOTO Controller	SynScan hand control,SynScan Pro App
Database	42000+ Objects
Celestial Object Catalog	Messier,NGC,IC,SAO,Caldwell,Double Star,Variable Star,Named Star,Planets
Pointing Accuracy	Up to 5 arc-minutes(RMS)
Resolution of R.A. High Resolution Encoder	

EQ8-RH Mount	
German Equatorial Mount	
50kg	
10°to 65°	
±10°	
25.9kg	
2×10kg/ea.	
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DC11 ~ 16V(Higher voltage preferred),55W	
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Sidereal rate, solar rate, lunar rate	
Equatorial mode	
0.125X,0.25X,0.5X,0.75X,1X	
200 Segments Permanent PEC	
SynScan hand control,SynScan Pro App	
42000+ Objects	
Messier, NGC, IC, SAO, Caldwell, Double Star, Variable Star, Named Star, Planets	
Up to 5 arc-minutes(RMS)	
11,840,000 Counts/Rev.,approx. 0.11 arc-second from Renishaw	