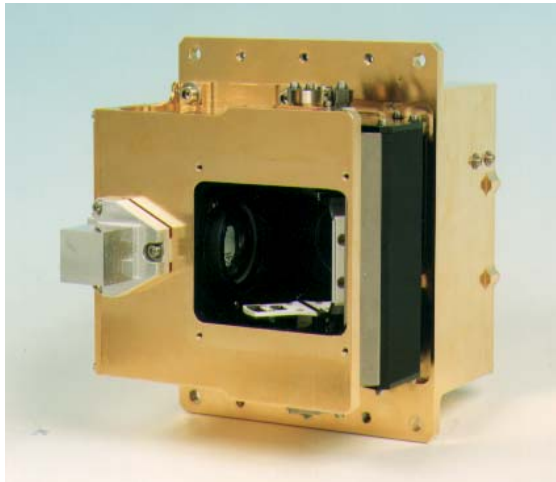


Earth Sensor Assembly



Accuracy : ± 0.03 deg., Bias error
 Detectors : Pyro-electric
 Instantaneous Field of View : $1.3 \text{ deg. } \Phi$
 Operational Mode : Acquisition mode and Normal mode
 Signal Output Rate : 8 times per second
 Output Signals : 28 bits binary serial word
 Failure Rate : 564×10^{-9} (Failure/hour)
 Size : 121mm x 157mm x 123mm
 Weight : 1.95kg
 Power : 4.0 watts (31.0-50.0 Vdc)

Customer	Received Ordered	Delivered	Launched	Satellite
USA	272	232	>190	Echostar, Intelsat, Arabsat, GE GOES, BSC, M2A, Chinastar FALCON, ASTRA, MABUHAY TELSTAR, MTSAT, TEMPOSAT FOS, PANAMSAT, BSAT, iPStar, CDRadio, DirecTV, NSTAR, Telesat, Globalstar, JCSAT, ASTROLINK, Rainbow, Telkom, New Skies, WildBlue, MBSat, Spainsat, Optus, Sirius, Thor, GALAXY, Terrester, NIMIQ, PAN, Sirius-FM <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; margin-top: 10px;"> ...and more satellite with our ESAs are waiting to be launched </div>
Japan	20	16	10	ETS, COMETS, DRTS, MTSAT, WINDS, Superbird, QZS
Total	292	248	>200	