

Launch Date	September 6, 2008		
Camera Modes	Simultaneous panchromatic and multispectral (pan-sharpened) Panchromatic only Multispectral only		
Resolution	0.46 m / 1.51 ft* panchromatic (nominal at Nadir) 1.84 m / 6.04 ft* multispectral (nominal at Nadir)		
Spectral Range	Panchromatic: 450 - 800 nm Blue: 450 - 510 nm Green: 510 - 580 nm Red: 655 - 690 nm Near Infra Red: 780 - 920 nm		
Metric Accuracy/Geolocation	5 m CE90, 3 m CE90 (measured)		
Swath Widths & Representative Area Sizes	Nominal swath width - 15.2 km / 9.44 mi at Nadir Single-point scene - 225 sq km (15x15 km) Contiguous large area - 15,000 sq km (300x50 km) Contiguous 1° cell size areas - 10,000 sq km (100x100 km) Contiguous stereo area - 6,270 sq km (224x28 km) (Area assumes pan mode at highest line rate)		
Imaging Angle	Capable of imaging in any direction		
Revisit Frequency at 770 km Altitude (40° Latitude Target)	Max Pan GSD (m)	Off Nadir Look Angle (deg)	Average Revisit (days)
	0.42	10	8.3
	0.50	28	2.8
	0.59	35	2.1
Daily Monoscopic Area Collection Capacity	Up to 700,000 sq km/day (270,271 sq mi/day) of pan area (about the size of Texas). Up to 350,000 sq km/day (135,135 sq mi/day) of pan-sharpened multispectral area (about the size of New Mexico)		