

HJ-1A's Design and Specifications

Orbit	Altitude: 650 km	
	Type: Sun-synchronous 10:30 am	
	Period: 97 minutes	
Mass	470 kg	
Sensor bands	WVC	HIS
	4 multispectral:	115 bands:
	Blue: 450-520 nm	450-950 nm
	Green: 520-590 nm	
	Red: 630-690 nm	
Spatial resolution	30 m	100 m
Swath width	700 km	50 km
Dynamic range	10 bits	

HJ-1B's Design and Specifications

Orbit	Altitude: 650 km	
	Type: Sun-synchronous 10:30 am	
	Period: 97 minutes	
Mass	470 kg	
Sensor bands	WVC	IRMSS
	4 multispectral:	4 bands
	Blue: 450-520 nm	NIR: 750-1100 nm
	Green: 520-590 nm	SWIR1: 1550-1750 nm
	Red: 630-690 nm	SWIR2: 3500-3900 nm
	NIR: 770-890 nm	TIR: 105000-125000 nm
Spatial resolution	30 m	150 m
Swath width	700 km	700 km
Dynamic range	10 bits	
Revisit time	4 days	