

## System Specifications

Satellite Systems Supported	NOAA (HRPT) and FengYun (CHRPT) Polar Orbiters
Operating Frequency Range	L-Band, 1680 - 1712 MHz
Receiver Demodulation	Coherent BPSK
Receiver Form Factor	PCI Plug-in Card
Decoding Data Rates	Up to 1400 kb/s
Data Output	NOAA Level 1B (HRPT) and WiNRADiO proprietary file format
Image Output	Display, Print, or save as BMP, JPG, GIF, TIF, PNG
Antenna Type	120 cm Parabolic Dish
Antenna Polarization	Right Hand Circular Polarization
Antenna (-3dB) Beam Width	11 degrees
Rotator Accuracy	±0.5 degree
Rotation Speed	4-5 degrees/s
Rotator Power Supply	24V DC @ 4A
Rotator Weight	13.5 kg (29.7 lbs)
Tripod Height	1.5 m (4 ft 11")
Tripod Weight	35 kg (77 lbs)