



Cleanup of Arecibo Observatory Telescope, Puerto Rico | Mar 13, 2021 | GF-2

GF-2 SATELLITE

80 cm Resolution, 45 km Swath, Optical

GF-2(short for GaoFen-2) was launched on August 19, 2014. It is a very high-resolution optical imaging satellite with 80 cm panchromatic and 3.2 m multi-spectral resolution. It is equipped two identical cameras. The combined swath width of one pass at nadir is wider than 45 km. The imagery has been widely used for governmental services, marine monitoring, precision agriculture and forestry, emergency management, education and research.

Technical Specifications

Mission life	8 years
Weight	2100 kg
Launch time	August 19, 2014
Orbit	Sun-synchronous, 10:30 am descending node, 631 km altitude
Sensor bands	Panchromatic, blue, green, red and near-infrared
Resolution (at nadir)	Panchromatic: 80 cm, multi-spectral: 3.2 m
Locational accuracy	50 m CE90 (w/o GCPs)
Dynamic range at imaging	10 bits
Swath width (at nadir)	45 km
Revisit capacity	Less than 5 days 23° off nadir

! This document is made for our data users, clients and customers' reference, for other use, please contact us. It is subject to change without notice. All rights reserved.

SpaceWill Info. Co., Ltd.

✉ marketing@spacewillinfo.com

☎ +86 10 58818811 ext.840

☎ +86 138 1008 1424

📍 L5, Bld. B, Yicheng Center, Haidian District, Beijing, China 100089

