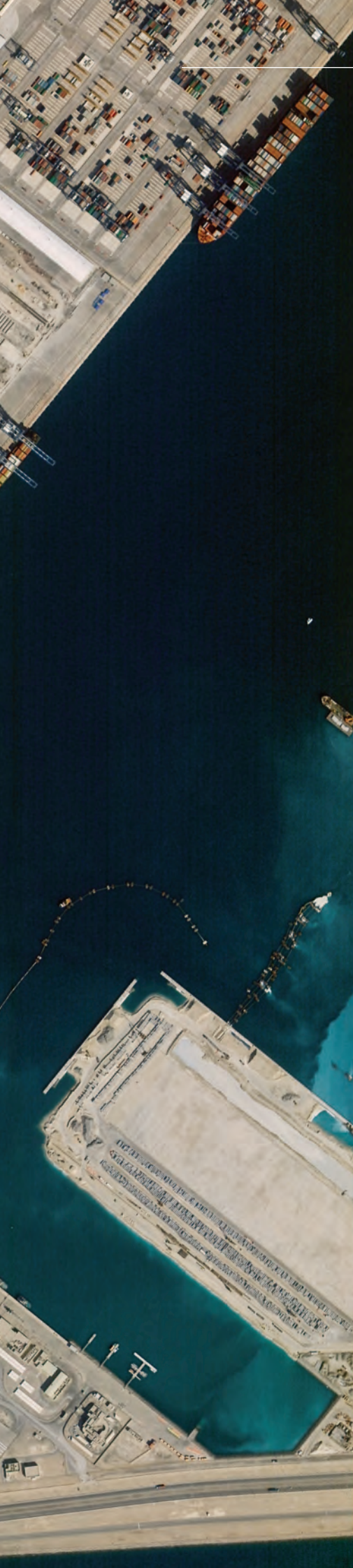


# SENTINEL



JL-1GF02A, 0.75m, 2019/11/16, Abu Dhabi port, UAE



## Jilin Constellation

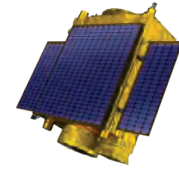


Video  
Satellite



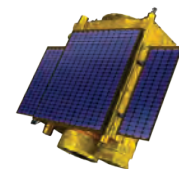
Stereo  
Imaging

### Jilin-1SP03/07/08



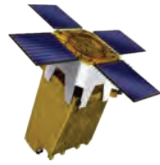
Launch	2017 & 2018
Weight	210 KG
Orbit	Altitude: 535 km Type: Sun-synchronous
Sensor bands	Video Mode: RGB
Ground Sampling Distance	0.92m Color Video
Dynamic range	8 bits
Swath width	19km x 4.5km
Revisit time	Together with SP04/05/06 twice per day
GEO location	200m
Off-pointing angle	$\pm 45^\circ$

### Jilin-1SP04/05/06



Launch	2017
Weight	210 KG
Orbit	Altitude: 528 km Type: Sun-synchronous
Sensor bands	Video Mode: RGB
Ground Sampling Distance	0.92m Color Video
Dynamic range	8 bits
Swath width	19km x 4.5km
Revisit time	Together with SP03/07/08 twice per day
GEO location	200m
Off-pointing angle	$\pm 45^\circ$

## Jilin-1KF01

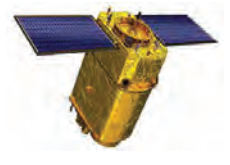


Launch	2020
Weight	1.25 T
Orbit	Altitude: 481.56 km Type: Sun-synchronous
Sensor bands	Panchromatic: 450-800nm  4 multispectral: Blue: 450-510 nm Green: 510-580 nm Red: 630-690 nm  Near-IR: 770-895 nm
Ground Sampling Distance	PAN (nadir): 0.50 m MS (nadir): 3.00 m
Dynamic range	12 bits
Swath width	>136 km
Onboard storage	16TB
Revisit time	Daily together with GF02A/02B & GXA
GEO location	<20 m
Off-pointing angle	± 45°
Imaging Mode	push broom imaging

## Jilin-1GF02A/02B



Stereo Imaging



Launch	2019
Weight	220 kg
Orbit	Altitude: 535 km Type: Sun-synchronous
Sensor bands	Panchromatic: 450-800nm  4 multispectral: Blue: 450-510 nm Green: 510-580 nm Red: 630-690 nm  Near-IR: 770-895 nm
Ground Sampling Distance	PAN (nadir): 0.75 m MS (nadir): 3.00 m
Dynamic range	12 bits
Swath width	40 km
Onboard storage	12.8TB
Revisit time	Daily together with KF01 & GXA
GEO location	20 m
Off-pointing angle	± 45°
Imaging Mode	push broom imaging



JL-1KF01, 0.75m, 2020/01/18, Khor Fakkan port, Sharjah, UAE