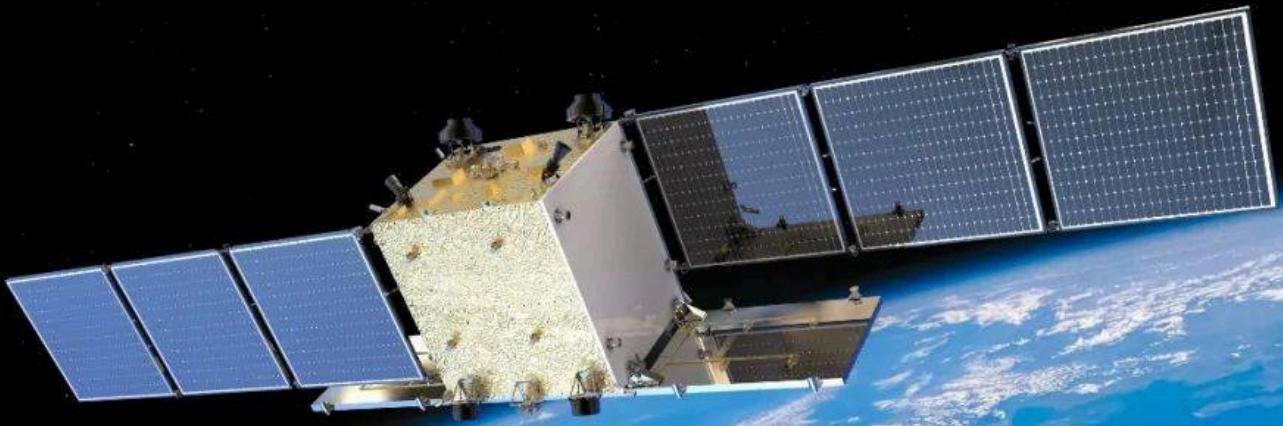




NQP FORCES PROMOTING SOC. (HK) LIMITED



MOBILE SATELLITE REMOTE SENSING TERMINAL

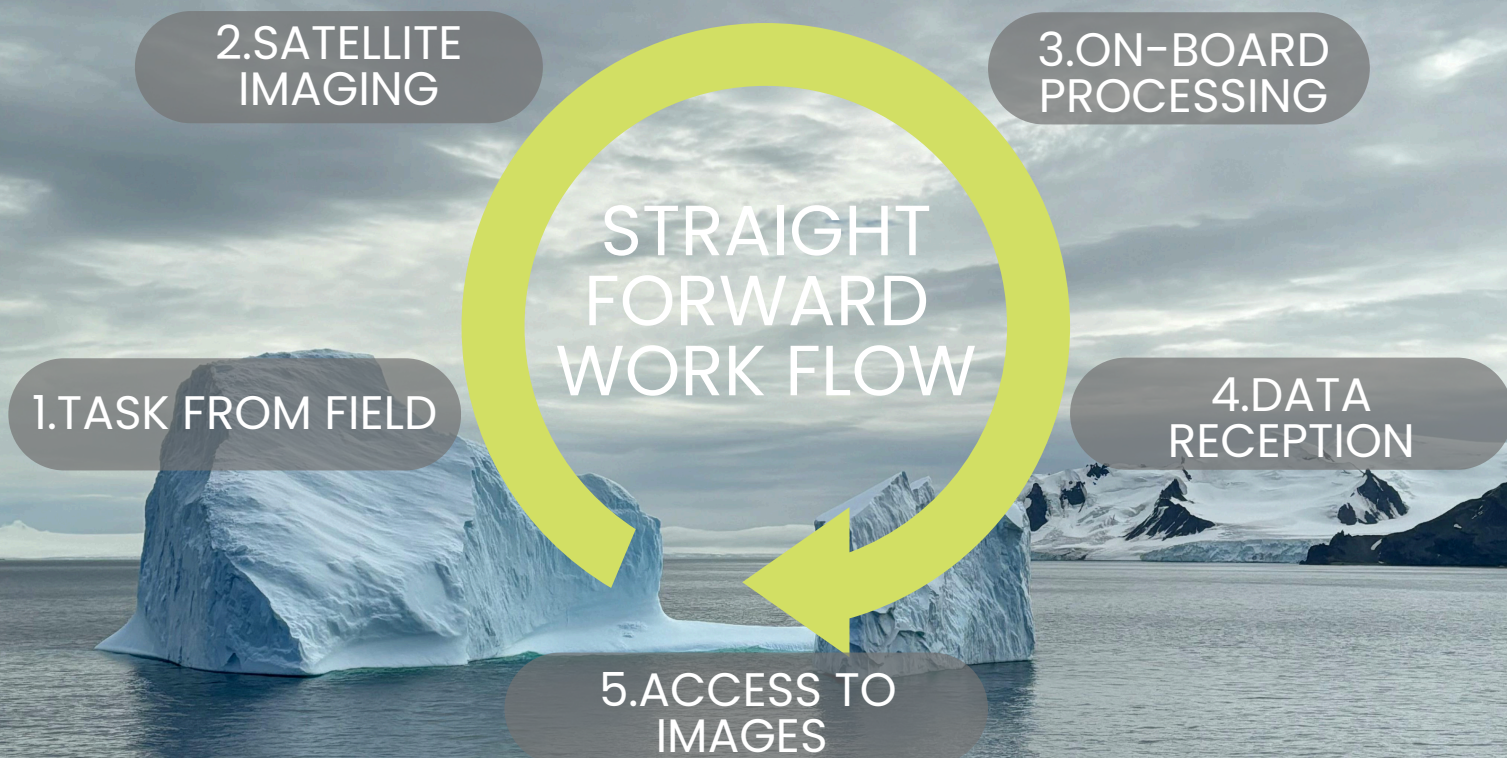
Command, Acquire, and Use SAR
Imagery Anywhere

SEPTEMBER 2025



What is it?

A mobile, self-contained terminal that lets you task SAR satellites and receive imagery directly anywhere in the world — no ground station or local network required.





KEY FEATURES

GLOBAL TASKING AND DOWNLINK ANYWHERE

Submit imaging requests and receive data directly in the field without relying on local networks or fixed ground stations. This keeps operations running in remote deserts, offshore waters, and disaster zones.

WORKS WHILE MOVING (VEHICLE/VESSEL)

The flat-panel phased array tracks satellites and maintains a stable link even as you drive or sail. This enables continuous surveillance and rapid response during patrols.

OPERATES IN HEAT, DUST, AND MARINE CONDITIONS

Ruggedized hardware and wide operating temperatures ensure reliable performance in desert and coastal environments. Resistant design supports long-term use amid sand, salt spray, and humidity.

FAST TURN-AROUND: RESULTS WITHIN MINUTES

The satellite performs first-stage processing and the terminal delivers quick-look products soon after downlink. Analysts can make initial decisions immediately while refined products are generated.

FIELD-READY WI-FI/ETHERNET TO YOUR LAPTOPS

Connect laptops and tablets securely over local Wi-Fi or Ethernet for instant viewing, analysis, and sharing. No specialized field network infrastructure is required.



BASIC SPECIFICATIONS

- Downlink: Up to 150 Mbps (BPSK/QPSK)
- T&C: Up to 32 kbps (standard/spread spectrum)
- Antenna Dimension: 700×700×100 mm
- Antenna Weight: 20kg
- Power Consumption: 350W (Maximum)
- Interfaces: Ethernet, Wi-Fi
- Operating temp: -25°C to +55°C
- Operation time: ≤4 hours

SERVICE PACKAGES

BASE KIT:

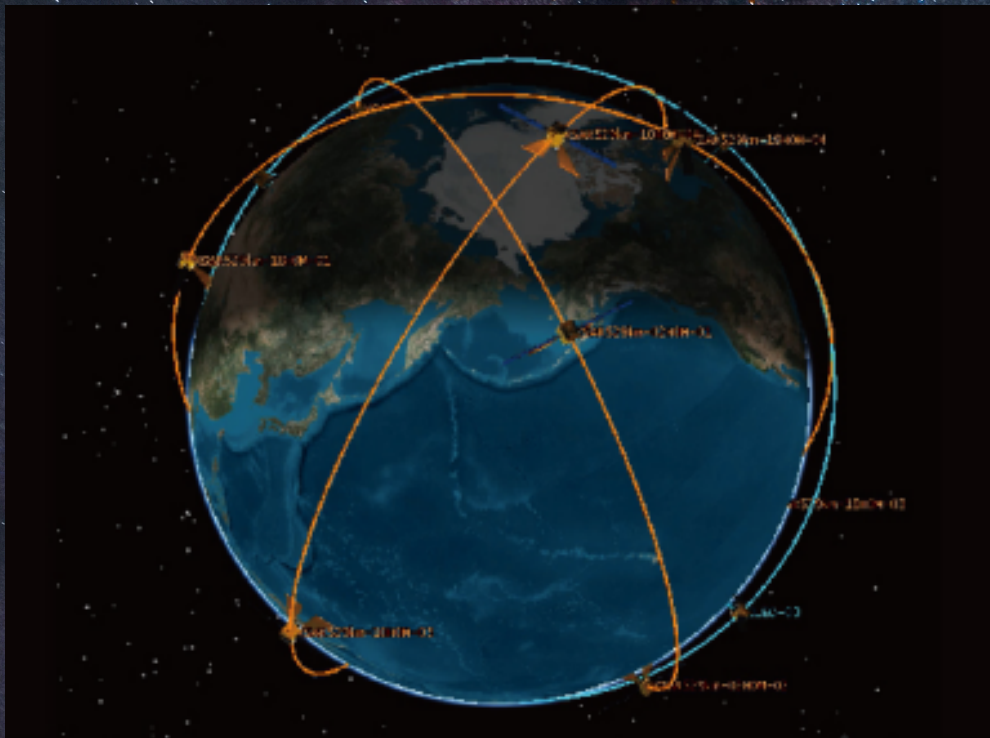
- Terminal (antenna, power cable)
- Online access to relevant software for laptop
- Training (2 days), remote support

ANALYST ON REQUEST:

- Configured analytics (vessel detection, flood mapping, change detection, INSAR prep etc.)



SATELLITE FEATURES



- current number of in-orbit satellites: 8 (additional 8 are planned for 2026)
- IMAGING FREQUENCY: X-BAND
- ORBIT: 97.5° SSO @ 522KM
- TYPICAL IMAGING MODE: 2M RESOLUTION STRIP, 20KM SWATH
- GLOBAL COVERAGE: 120 DAYS
- REVISIT TIME: <20 HOURS (MAXIMUM), <5 HOURS (AVERAGE)
- INSAR INTERVAL TIME: <32 HOURS



TYPICAL APPLICATIONS

Precision Farming

Crop status, irrigation, and flood impact—under cloud/dust. Repeat coverage supports seasonal planning and early warning for yield risks.

Fisheries/Coast Guard

Night/all-weather vessel detection; IUU cues. Cross-check detections against AIS to flag dark targets and guide patrol interception.

Urban Planning

Urban growth, encroachment, and construction progress. Time-series monitoring provides objective evidence for permitting and compliance actions.

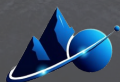
Disaster Relief

Rapid flood mapping and landslide/INSAR screening. Field teams can task satellites during an event and receive maps within the same operational period.

Environment Protection

Coastal erosion, mangroves, and oil spill detection. Consistent SAR imaging tracks change over time for enforcement and remediation planning.

BRIDGING TO THE NEWSPACE ERA



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