November 26, 2026 | Press Release

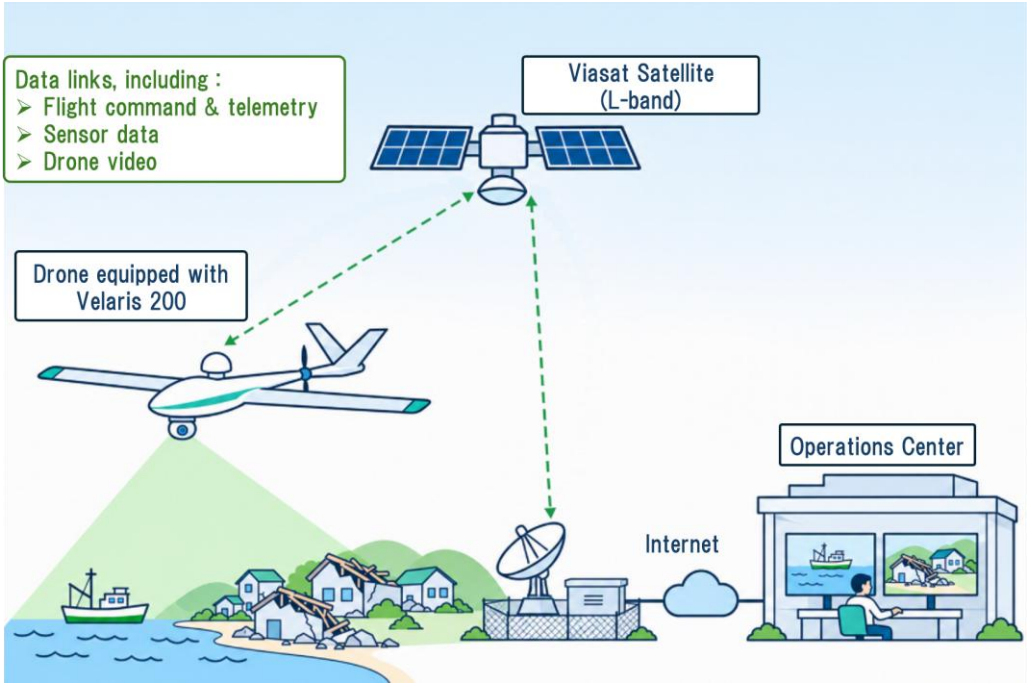
JSAT MOBILE Communications Inc.

JSAT MOBILE Begins Sales of Velaris 200, an Ultra-Lightweight 580g Satellite Communication Terminals for Drones

JSAT MOBILE Communications Inc. (Headquarters: Minato-ku, Tokyo; President and CEO: Nobuhito Takei; “JSAT MOBILE”) has begun selling the Velaris 200, a satellite communication terminal for drones (unmanned aircraft) supplied by UK-based Gotonomi, as Gotonomi’s distributor in Japan. Weighing just 580 g, the Velaris 200 is a compact, lightweight satellite communication terminals.

Even in areas beyond the reach of cellular networks, the Velaris 200 uses satellite communications to connect drones with ground-based operations centers, enabling operators to monitor aircraft position and flight status and to send flight instructions. Video from onboard cameras can also be compressed to fit the available bandwidth and transmitted via satellite, making the terminal suitable for remote monitoring over the ocean, at disaster sites, and in other areas without cellular coverage. Its compact, lightweight design makes it easy to install even on drones with limited payload capacity.

Leveraging the expertise it has built through satellite communication services for mobile platforms such as aircraft and vessels, JSAT MOBILE provides end-to-end support for deployment of the Velaris 200, from terminal sales to satellite airtime provision, installation on the aircraft, and communication testing.



About Velaris 200

The Velaris 200 has a track record of use in countries around the world. It is used in the development and demonstration of logistics and cargo transport applications and of next-generation, passenger-carrying air mobility, and is also in operational use by government agencies for surveillance and intelligence gathering.



Velaris 200 Satellite Communication Terminal

Key Specifications	
Weight	580g
Data Rate	Max. 200kbps※
Operating Temp.	-40～55 deg C
Dust and Water Resid¥stance	IP67

※Varies with network conditions

< Key Features >

Compact and Lightweight

The terminal itself weighs only 580 g, allowing even drones with limited payload capacity to carry equipment such as surveillance cameras and surveying sensors.

Rain Resistance

The terminal uses the L-band, which is less susceptible to rain fade, allowing it to maintain high link availability.

Environmental Resistance

Designed for outdoor use, the enclosure is rated IP67 for dust and water protection.

About JSAT MOBILE Communications Inc.

JSAT MOBILE provides satellite communication and security-related services, primarily for mobile platforms such as aircraft and vessels. In collaboration with satellite operators and partners in Japan and overseas, the company delivers highly reliable services, from pre-deployment testing through post-deployment maintenance and operational support. Drawing on its many years of expertise, JSAT MOBILE will continue to support the advancement and digitalization of communications for mobile platforms.

About Gotonomi

Gotonomi provides compact communication systems for drones and other platforms that support both satellite and cellular connectivity. By maintaining resilient and secure communication links between the aircraft, remote pilots, and air traffic control, Gotonomi enables operators to conduct reliable beyond visual line of sight (BVLOS) flights