



Rapidtek Technologies

Taiwan · founded 2015 · rapidtek.net/en

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as of 20 August 2026



Rapidtek Technologies

Rapidtek Technologies Inc. is headquartered in New Taipei City, Taiwan, with a Satellite Assembly Center in Taoyuan, a sales office in Shanghai, and a Singapore joint venture (Asterforge PTE. LTD.) for overseas satellite technology. Founded with roots dating to 2006 and fully integrated as a brand in 2015, the company operates under the motto 'Think BIG, Act QUICK' and serves the semiconductor, industrial, new energy, automotive, IoT, and space sectors. The company operates four divisions: SmartLink Division (distribution of high-quality switches and connectors); RF Testing & Satcom Engineering Division (low-loss coaxial cables, up/down converters, and OTA test solutions); Space Team (CubeSat development and satellite communication payloads); and Advanced RF RD Center (AESA phased-array antenna design, mmWave testing, antenna calibration, and CubeSat Assembly, Integration and Testing services with a Class 1000 cleanroom). Rapidtek was selected as a member of Taiwan's Low Earth Orbit (LEO) Satellite National Team in 2021 and has launched multiple CubeSats: the 3U Nightjar in August 2024 and the 8U Black Kite-1 in November 2025. The company is listed on Taiwan's General Emerging Stock Board and its technologies — including in-house developed active phased-array antennas and K/Ka-band communication payloads — are deployed across Europe, the US, and Southeast Asia.

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SERVICES

Services

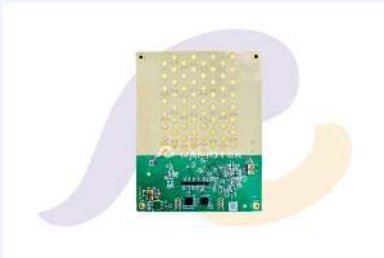
System integration support for LEO satellites

Rapidtek supports partners in improving system integration for LEO satellites and provides technical assistance to develop forward-looking solutions.

Technical issue resolution for RF products

Rapidtek's Advanced RF R&D Center helps customers solve product-related technical issues based on real-world needs, delivering stable and practical RF solutions.

Product catalogue



RAPIDTEK TECHNOLOGIES

Black Kite-1

8U CubeSat platform developed with the Taiwan Space Agency (TASA), built for high-performance, high-data-throughput communications including Ku-band links, Ka-band inter-satellite

Date	Nov.2025
Size	8U
Orbit	SSO
Purpose	Bi-direction Ku band communication
Purpose	Ka band inter-satellite link
Purpose	LoRa IoT validation
Tech	In-house active phase array antenna

price on request



RAPIDTEK TECHNOLOGIES

Nightjar

Nightjar is a 3U CubeSat platform developed in collaboration with TASA, designed for cost-effective technology validation and bi-directional Ku-band communication.

Date	Aug.2024
Size	3U
Orbit	SSO
Purpose	Bi-direction Ku band communication
Tech	Data Rate: 32 Mbps
Tech	User: > 16 users

price on request



RAPIDTEK TECHNOLOGIES

Nightjar / Black Kite-1 CubeSat Platforms

Rapidtek offers two CubeSat platforms, Nightjar (3U) and Black Kite-1 (8U), designed for various communication and technology validation missions in Low Earth Orbit.

Date (Nightjar)	Aug.2024
Size (Nightjar)	3U
Orbit (Nightjar)	SSO
Purpose (Nightjar)	Bi-direction Ku band communication
Tech (Nightjar) Data Rate	32 Mbps
Tech (Nightjar) User	> 16 users
Date (Black Kite-1)	Nov.2025

price on request

Contact Rapidtek Technologies

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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