B-RID Technical Standards and Requirements

Effective 1 December 2025, unmanned aircraft (UA) with a total weight of more than 250g are required to be equipped with Broadcast Remote Identification (B-RID) when operating outdoors, except where the operator has been granted an operator permit and is using the FlyItSafe mobile application during the permitted UA operations.

A UA is considered equipped with B-RID when it has either built-in B-RID capability, or a B-RID module attached to it that meets the technical standards and requirements in Singapore.

Please refer to the following UA models and B-RID modules which have been verified to comply with the B-RID requirements in Singapore. CAAS will continue to review and update the list on an ongoing basis.

List of UA models

S/N	Brand and Model
1	DJI Air 3
2	DJI Air 3S
3	DJI Avata 2
4	DJI Mavic 3 Pro
5	DJI Mavic 3 Pro Cine
6	DJI Mavic 4 Pro (64 GB)
7	DJI Mavic 4 Pro (512 GB)

List of B-RID modules (with built-in battery)

S/N	Brand and Model (with built-in battery) - Simple plug and play solution - Suitable for UA with sealed-off hardware
1	Zing Drone Solutions Z-RID Lite
2	Heron AirBeep-B
3	Dronetag Beacon
4	Dronetag Beacon (gen. 2)
5	Dronetag BS Combo (gen. 2)
6	Dronetag Mini

[Updated as at 25 July 2025]

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S/N	Brand and Model (with built-in battery) - Simple plug and play solution - Suitable for UA with sealed-off hardware
7	BlueMark db120
8	BlueMark db150
9	BlueMark db154
10	Aerobits idMEbatt

List of B-RID modules (without battery)

S/N	Brand and Model (without battery)* - Requires integration with a power source
1	Heron AirBeep-B (OEM)
2	Dronetag BS
3	Dronetag BS (gen. 2)
4	BlueMark db121
5	BlueMark db121pcb
6	BlueMark db151
7	BlueMark db151pcb
8	Aerobits idME+
9	Aerobits idME Pro

* Note: For B-RID modules that do not have any battery, the UA user is required to integrate it with the UA's power source or a separate power source. These modules are more suitable for UA users who build their own UA and possess the necessary technical skills to install the B-RID module and integrate with the UA power supply.

Declaration of Conformity

UA and/or B-RID module manufacturers who wish to include their products into the above list may submit a declaration of conformity to CAAS for evaluation.