



THE FUTURE OF INFLIGHT CELLULAR

SITA FOR AIRCRAFT Mobile ONAIR system enables a mobile cellular network onboard aircraft as an add-on to Wi-Fi solution.

Mobile ONAIR allows passengers to roam on our 3G or 4G network while using their mobile phones onboard. Our roaming bundle agreements with mobile operators made it affordable, with clear return on investment for airlines.

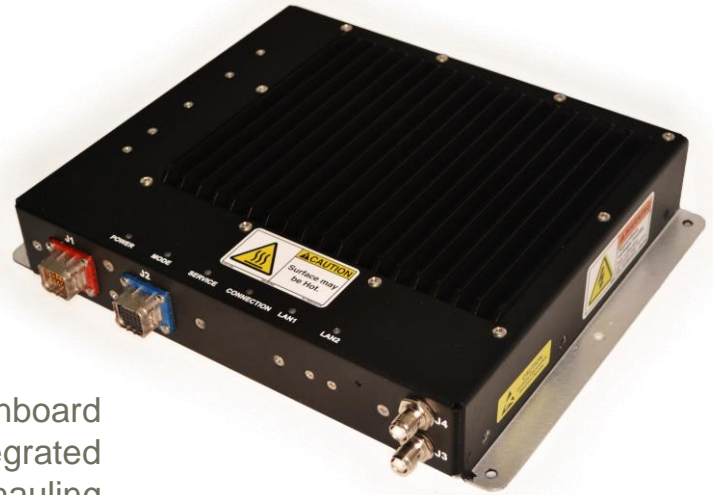


MOBILE ONAIR 4G

Offers a global inflight connection, enabling passengers to use their mobile phone network, exactly as if they were on the ground.

Mobile ONAIR 4G Small Cell Unit

- Addition to Wi-Fi service
- Versatile 3G/4G solution & 5G-NR ready



This unit enables a mobile cellular network onboard aircraft as an add-on to Wi-Fi. It can be easily integrated to any connectivity server and aircraft backhauling system (satellite or Air-to-Ground). The unit operates in and allows for switching between 3G or 4G modes. It is ready to support future technology such as 5G-NR.

Services available with Mobile ONAIR 4G

- Mobile data over 3.5G or 4G
- Voice calls
- SMS (including Welcome SMS)

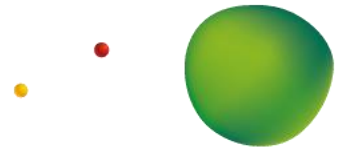
Cellular features

- 3.5G 2100 MHz: HSPA 21/5.75 Mbps
- 4G 1800 MHz: 150/50 Mbps, VoLTE, CSFB, 2x2 MIMO
- 5G-NR ready
- Software Defined Radio
- TX power levels max 24dBm

Specifications

Dimensions:	241x 273x 55 mm
Weight:	3.45 kg
Qualification:	DO-160G, (ABD100 compliant)
Connectors:	2 Gbit Ethernet ports, 2 TNC RF Antenna ports
Power:	115VAC @400Hz
Power Consumption max:	45W
MTBF:	20,000 FH

- Leaky feeders not required
- Installed under cabin ceiling panels
- Natural convection - no active cooling
- Status information via LED



GET IN TOUCH

Learn how Mobile ONAIR 4G can revolutionize your IFC operation.

Visit [our Cabin Connectivity Services website](#), submit an enquiry form, email worldwide@sita.aero or speak with your local SITA FOR AIRCRAFT representative.