

Gateway

Gateway is AoFrio's IoT communications hub for seamless connection from SCS Controllers and Monitors to the AoFrio Cloud.

Unlock the full potential of your assets with always on, single-asset connectivity to deliver remote access, geo-location, and daily data collection.



- Enable always on monitoring by secure connection of an individual cooler to the Cloud using 4G and 2G cellular networks.
- Access information remotely about the health, location and use of your cooler and its contents.
- Receive cooler location updates for up to 1 month using the internal backup battery.
- Upgrade product features remotely using AoFrio's over-the-air (OTA) update functionality.
- Two-way communication enabling users to remotely change cooler Setpoint Temperature
- Remotely disable coolers to prevent misuse*
- Remotely initiate a defrost cycle to resolve iced-up evaporator coils*
- Receive real time alarms from faulty coolers requiring urgent attention.
- Wire directly into the cooler's AC power supply.

*In development

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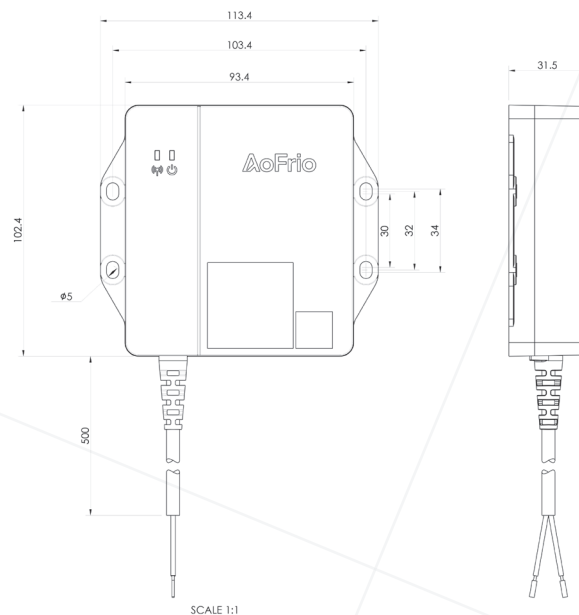
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Specifications	
Power Supply	Input 90-240V AC, 50/60Hz, 0.4A
AC Connections	2-core double-insulated 0.5m cable with ferrule ends
Cellular communications	LTE Cat M1 with 2G (GPRS) fallback
Cellular bands	B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28
Bluetooth	Bluetooth (BLE 4.2)
Wi-Fi	2.4GHz, 802.11 b/g/n
Battery	1150mAh, 3.7V, Lithium-Polymer
Status LEDs	1 x Power; 1 x Communication
Mounting method	Screws or double-sided adhesive
Ingress protection	IP54
Operating temperature ¹	-20°C to +55°C (-4°F to 131°F)
Storage temperature	-20°C to +60°C (-4°F to 140°F)
Weight	~256g (~9oz)
Approvals ²	CE FC NOM

¹ Backup battery charging only occurs between 0°C and 40°C

Dimensions



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