



Features

- LTE, HSPA+, GSM/GPRS/EDGE, EV-DO Rev A, 1xRTT
- Data speeds up to 100 Mbps downlink and 50 Mbps uplink
- GPS location solution
- -40 to +70 °C operation
- Low power consumption

Specifications

Air Interface

LTE, HSPA+, GSM/GPRS

Data Speed

Peak Download	100 Mbps
Peak Upload Rate	50 Mbps

Frequency Bands

LTE	2100 (B1), 1800 (B3), 2600 (B7), 900 (B8), 800 (B20)
WCDMA	2100 (B1), 1900 (B2) 850 (B5), 900 (B8)
GSM/GPRS/EDGE	Quad-Band

Interfaces

2 x 4G antenna connectors via SMA (female)
1 x GPS antenna connector via SMA (female)
2 x SIM card slots (1.8 or 3 V)
LED Indicators: PWR, GPS, MODE

Antenna

Diversity	✓
MIMO	✓
GPS Bias (active)	✓

Location Solution

Standalone

Introduction

The LILEE Systems TransAir series of interface cards provide modular extensibility to the DTS-2000 and LMS-2450. The TransAir IC-LTE-GPS-G 4G interface card enables high-speed mobile communications for transportation and smart city applications.

Physical Characteristics

Dimensions (H x W x L)	1.57 x 2.44 x 4.72 in (40 x 62 x 120 mm)
Net Weight	0.81 lbs. (370 g)

Environmental Limits

Operating Temperature	-40 to 70 °C (-40 to 158 °F)
Storage Temperature	-55 to 85 °C (-67 to 185 °F)
Ambient Relative Humidity	5% to 95% (non-condensing)

Power

Power Consumption (max)	3.2 W
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Certifications

Regulatory	CE, GCF-CC, NCC
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NCC 警語

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Ordering Information (subject to change)

SKU	Description
IC-LTE-GPS-G	LTE 4G Cellular Interface Card With GPS (Global)