



## IC-LTEA-PRO & IC-LTEA-PRO-DR

Industrial Interface Cards for the TransAir™ LMS-2450-ME-100 Series  
5G Networking Performance with or without Dead Reckoning

### Features

- Data speeds up to 600 Mbps download and 150 Mbps upload
- LTE, HSPA/HSPA+, WCDMA
- GPS (US), Galileo (EU), GLONASS (Russia), BeiDou (China), QZSS (Japan)
- Operating temperature range -40 to 70 °C (-40 to 158 °F)
- Low power consumption

### IC-LTEA-PRO



### IC-LTEA-PRO-DR



LILEE Systems TransAir™ series of interface cards provide modular extensibility to LMS-2450-ME-100. The IC-LTEA-PRO and IC-LTEA-PRO-DR interface cards enables an upgrade path to the latest 5G networks for current LTE and LTE-A base stations. It provides 5G class performance and features dual

SIM support to switch between carriers. IC-LTEA-PRO-DR also features Dead Reckoning for a hybrid positioning with GPS/GNSS where those signals are significantly degraded, in situations such as inside tunnels.

# LILEE Systems IC-LTEA-PRO & IC-LTEA-PRO-DR Specifications

## Air Interface

LTE, HSPA/HSPA+, WCDMA

## Data Speed

- Peak Download: 600 Mbps
- Peak Upload Rate: 150 Mbps

## Frequency Bands

- LTE: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B46, B66
- WCDMA, HSPA/HSPA+: B1, B2, B4, B5, B6, B8, B9, B19

## Interfaces

	IC-LTEA-PRO	IC-LTEA-PRO-DR
Cellular	2 x SMA	2 x SMA
GPS	N/A	1 x SMA
Wheel Tick	N/A	1 x SMA
SIM	2 x NANO	2 x NANO

## Environmental Limits

	IC-LTEA-PRO	IC-LTEA-PRO-DR
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 Consumption	7.5W (max)	7.8W (max)

## Physical Characteristics

	IC-LTEA-PRO	IC-LTEA-PRO-DR
Dimensions (H x W x L)	1.57 x 2.44 x 4.72 in (40 x 62 x 120 mm)	
Net Weight	123g	139g
MIMO	Yes	Yes
GPS/GNSS	N/A	Yes

## Regulatory

- FCC, EN-50155, PTCRB

## Carrier

- AT&T, Sprint, Verizon

## Ordering Information (subject to change)

SKU	Description
IC-LTEA-PRO	LTEA-PRO Cellular interface card
IC-LTEA-PRO-DR	LTEA-PRO Cellular interface card with Dead Reckoning



For more information, contact your sales representative or email [sales@lileesystems.com](mailto:sales@lileesystems.com).

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