



## LV-600 & LV-740

A New Line of Sight For Cargo Status and Condition

Enable real-time monitoring of the security, location, and condition of your cargo with the LV-600 and 740. Use the LV-600 as a standalone device for environmental alerts and tracking of high value assets. Or pair the LV-600 with our LV-740 units to add environmental alerts of additional pallets or boxes in the same shipment. The LV-740 can provide remote readings of a specific cargo's temperature, humidity, impact/free fall, movement, and light. When installed on pallets or boxes, the LV-740 can detect specified events/alerts and report them when paired with the LV-600—or through our LV100, 300, and 500 asset tracking devices.

### Features

- Real time monitoring of environmental and security status of cargo
- Automatic Airplane Mode for ULD and air freight monitoring
- Continuous recording and event-triggered logic
- Remote monitoring (OTA), configuration, and firmware upgrades
- Scalable solution allowing for low cost wireless sensor environmental monitoring
- LTE/CAT1 with 3G fallback

### Automatic Airplane Mode of LV-600

When the automatic airplane mode is enabled, the LV-600 identifies that the flight has commenced and automatically shuts down RF transmissions after takeoff and during the entire flight. The LV 600 then logs all events internally and transmits those events upon landing.

Normal transmission mode is automatically renewed as soon as the airplane is completely still (and the engines are turned off). At this point, all the logged events are transmitted to the back-end. This unique feature complies with FAA guidelines and enables customers to cover end-to-end airborne shipment scenarios, including shipment by land-air-land.

**INTELLIGENT LOGISTICS**  
**Powerful Insights**  
**Smarter Decisions**  
**Higher Performance**



LV-600



LV-740



LV-600



LV-740

## LV-600 & LV-740: A new Gateway to Freight Visibility

### Intelligent Logistics

Compliant with cold chain standards and regulations including pharmaceuticals (GDP) perishables transportation standards (EN12830), the combination of the LV-600 and 740 make a powerful combination. The LV-740 BLE devices are IP 67 rated to withstand the hard environments of being placed in, on, or around palletized cargo. Their rugged design also makes them ideal for acting as temperature recorders for the transport, storage and distribution of chilled, frozen, deep-frozen/quick-frozen food and ice cream.

### Environmental Sensing

Temperature	Both	Sound	LV-600
Humidity	LV-740	Tampering	LV-600
Pressure	LV-600	Open / Close	LV-740
Movement	Both	Geo Fencing	LV-600
Light	Both		

#### Specifications/Certifications (LV600)

Dimensions	86.2 x 59.1 x 22.7 mm
Weight	94 grams
Power	Li-Ion Polymer, 3.7V, 1000mAh, rechargeable Embedded NTC for temperature controlled charging
Operating Temperature	-20 (65% charge) to 60°C
Storage Temp	-40°C to +85°C
Ingress Protection	IP66
Certification	FCC / CE / UL
Sensor Integration	2.4GHz secure wireless
Cellular	LTE CAT-1 with 3G Backup

#### Specifications/Certifications (LV740)

Dimensions	8.5 x 46 x 15mm
Weight	25 grams
Power	CR2450, 3V Lithium Battery
Operating Temperature	-30°C to +85°C
Ingress Protection	IP67
Certification	FCC / CE / UL
EN Certification	EN 12830: 1999 and EN 13485:2002
Wireless	2.4 GHz Short range RF
Accelerometer	3D, +/-8g range, 4mg resolution
Compliance	RoHS / Conflict Minerals