



XT3100 XIRGOVISION



Full-featured industrial IoT solution with multi-carrier LTE cellular connectivity, GPS, Wi-Fi, and Bluetooth

Dual CAN bus and One-Wire bus included to integrate with other trailer or container sensors and systems

CARGO MONITORING INSIGHT

Cargo visibility is key to staying on schedule and providing quality service. **Xirgovision's** sensor fusion platform uses two cameras and a time-of-flight ultrasonic sensor. That provides enhanced cargo sensing capabilities under any lighting condition, unlike ultrasonic-based cargo sensors that fail to provide accurate capacity and usage data. Capture cargo status with door open or closed and with roll-up or swing style door.

The solution also provides a thumbnail style with low-data-cost trailer images. The integrated Wi-Fi and Bluetooth send images of cargo directly to the server from any place. Get real-time, event-driven, and historical status of trailers or containers providing customers with an enhanced decision-making tool. Transform fleet tracking and cargo loading efficiency with this combined telematics and cargo occupancy sensor enabling you to protect cargo, reduce empty miles, and efficiently plan routes.

FEATURE LIST

- LTE Cat 4, penta-band 3G, and GSM (with dual SIM-carrier support)
- Stereo vision occupancy sensing
- Time-of-flight distance sensing
- 5MB full-resolution images, 20KB thumbnail images
- Solar panel and 12V DC recharging
- 15Ah rechargeable battery
- Bluetooth 5 and Bluetooth 4.1 Radios
- 2.4GHz Wi-Fi 802.11a/b/g/n
- Temperature sensor and integrated accelerometer
- External and internal Bluetooth and Wi-Fi antennas
- External Cellular and GPS antennas
- Certifications: FCC, PTCRB, IC, GCF

APPLICATIONS



High value assets



Trailer and container management

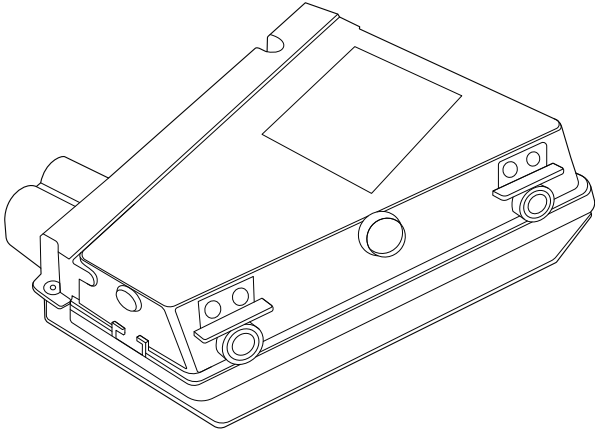


Commercial vehicle & long-haul trucking



Cargo sensing

XIRGOVISION SPECIFICATIONS



MECHANICAL

Dimensions	6.25" x 8.81" x 1.75" (15.87 x 22.38 x 4.45 cm)
Weight	1.81 lbs. (825 g)
Case Material	PC+PBT
IP Rating	IP 65

ELECTRICAL

DC Power	DC 8 to 28V
Power Source	Internal 15Ah rechargeable battery (with solar recharge)

ENVIRONMENTAL

Operating Temperature	-40°F to 158°F (-40°C to 70°C)
------------------------------	--------------------------------

INTERFACES

Harness Connector	1-wire bus, RS232, dual CAN, three digital inputs, and one digital output.
--------------------------	--

COMMUNICATIONS

4G LTE FDD Bands	1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28
3G UMTS Band	1, 2, 4, 5, 8
2G EGPRS Bands	PCS (Band 2), GSM (Band 5)
Comm. Interfaces	LTE Cat 4, 3GPP release 13, 3G UMTS, 2G GSM

Sensata Technologies, Inc.
529 Pleasant Street
Attleboro, MA 02703
+1 (508) 236-3800
sensata.com/contact-us
sensata.com/sensata-xirgo

Transforming sensor solutions.



Sensata
Technologies



Sensata Technologies delivers a wide range of connected solutions that drive operational efficiencies and increase revenue. Our comprehensive, in-house engineering capabilities allow us to design, engineer, and manufacture innovative, full-featured products, such as tire pressure monitoring systems, telematics devices, asset monitoring and tracking devices, and cargo monitoring solutions.