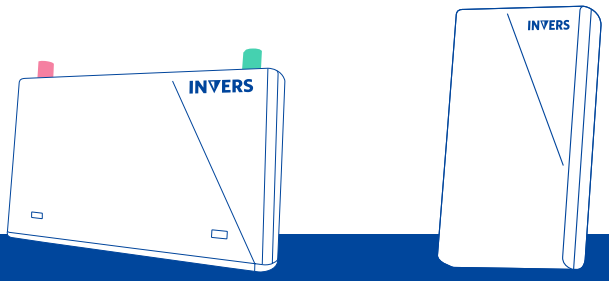
INVERS



Comparison of CloudBoxx Models

General Information		
Typ	CloudBoxx	CloudBoxx
Model	4G	Mini
Vehicle Types	Cars, Vans, Light Trucks	Scooters, Mopeds, E-bikes
Dimensions	133 × 29 × 90 mm	118 × 26 × 63 mm
Weight	230 g	180 g
Location Tracking		
GNSS	GPS, Galileo, Glonass	GPS, Galileo, Glonass
Antenna	External	Built-in
Advanced Positioning	Dead Reckoning Technology Use-case specific sensor fusion	WiFi Localisation Use-case specific sensor fusion
Ports		
Interfaces	2x CAN Integrated specific I/Os for non-bus actuators and sensors	1x CAN, 1x RS485, 1x UART External expansion interface for non-bus actuators and sensors
Hardware Specifications		
Power Supply	7V to 56V	7V to 75V (system safety validation required for up to 100V)
Power Consumption	20 mA (average - Standby) 70 mA (average - operational)	15 mA (average - Standby) 70 mA (average - operational)
Operational Temperature	-40 to +85°C	-20 to +60°C (Due to built in battery)

Comparison of CloudBoxx Models



Features		
Backup Battery	-	Built-in backup battery for >40 hours
Speaker	4G	External (optional)
Acceloremeters (3-Axis)	Cars, Vans, Light Trucks	Yes
USB	133 × 29 × 90 mm	Yes
Connectivity		
Cellular	4G LTE: Band 2 (1900 MHz) Band 3 (1800 MHz) Band 4 (1700 MHz) Band 5 (850 MHz) Band 7 (2600 MHz) Band 12 (700 MHz) Band 20 (800 MHz) 3G UMTS: Band 1 (2100 MHz) Band 2 (1900 MHz) Band 5 (850 MHz) Band 8 (900 MHz) 2G GSM/GPRS/EDGE: DCS 1800 MHz E-GSM 900 MHz GSM 850 MHz PCS 1900 MHz	4G LTE: Band 2 (1900 MHz) Band 3 (1800 MHz) Band 4 (1700 MHz) Band 5 (850 MHz) Band 7 (2600 MHz) Band 12 (700 MHz) Band 20 (800 MHz) 3G UMTS: Band 2 (1900 MHz) Band 5 (850 MHz) 2G GSM/GPRS/EDGE: DCS 1800 MHz E-GSM 900 MHz
	Other radio access technologies on request	Other radio access technologies on request
Antennas	External	Built-in
eSIM	Yes	Yes
Second SIM	Slotted 2FF (Mini)	Second eSIM
BLE	5.0 (Central & Peripheral)	5.0 (Central & Peripheral)
Certifications		
Protection Class	IP 30	IP 67
Robustness	ISO 16750	ISO 16750
Validations	CE FCC ECE R10 (E1 approval) Anatel	CE FCC ECE R10 (E1 approval)