



XAB-200

Powerful Track and Trace Telematics Platform



Xirgo's XFBV-100 SERIES is a next-gen fleet telematics platform engineered for demanding asset tracking and vehicle management applications. Designed with flexibility and ruggedness in mind, it supports 12V/24V systems and is compatible with light, medium and heavy-duty vehicles — plus industrial equipment and powered assets. Ideal for both overt and covert installations, the XFBV-100 offers advanced features such as Bluetooth® connectivity, custom scripting and a built-in rechargeable backup battery for uninterrupted operation. Its modular design and multiple installation options ensure seamless integration into diverse fleet environments, empowering asset utilization, security and operational efficiency.

HIGHLIGHTS



Build tailored telematics solutions with a custom scripting engine



Leverage 4 device variants for varying deployment needs — all on one platform



Up to 7 years of battery life for extended, worry-free tracking and recovery



No hardwiring and zero maintenance required

FEATURES

- > Custom Scripting Engine
- > Robust connectivity
- > Multiple installation methods
- > Advanced geofencing and driver ID
- > Comprehensive I/O options
- > Predictive maintenance

XFV-100 SERIES TECHNICAL SPECIFICATIONS — NORTH AMERICA

Mechanical	Dimensions	IP54: 90 × 49.5 × 14.4 mm (3.54" × 1.95" × 0.57") IP67: 95.1 × 53.4 × 20.4 mm (3.74" × 2.10" × 0.80")
	Weight	TBD
	Housing Material	PC
	Flammability	UL 94 V-0
	Seal	IP54 or IP67 with optional case
Electrical	Input Voltage	12V/24V DC Nominal 9–31V DC Range
	Average Idle Current	40 mA @ 12V input
	Sleep Current	<2mA @ 12V input
	Battery	210 mAh Lithium Ion
	Connector	5 or 8 pins by variant
Environmental	Operating temperature (Range within which the device will transmit data)	-25° to +60° C (-13° to 140° F)
	Storage temperature	-20° to +45° C (-4° to 113° F)
Communications	Cellular	4G LTE Cat 1 bis
	Modem	Eagle I4915Q*
	Cellular Bands	4G LTE: B2, B4, B12, B13, B66
	SIM card	4FF slot
	Bluetooth®	5.4 LE
Positioning & Sensing	Constellation support	GPS L1, GLONASS L1, Galileo E1, BDS B1
	Time to first fix	Cold start 27s Hot start 2.2s
	Sensitivity	Cold start -146 dBm Reacquisition -159 dBm Tracking -166 dBm
	Accuracy	2.5 m CEP50
	Sensors	3-axis accelerometer
Certification	FCC, PTCRB, IC, RoHS, AT&T	
Warranty	Two years	

*Made in USA; Connected Vehicle Ruling (CVR) compliant

I/O Options

Variants (Part Number)	XFV-101	XFV-102	XFV-103	XFV-104
Connector	5 Pins	8 Pins	5 Pins	8 Pins
1-Wire	No	Yes	No	Yes
Analog/Digital Input (Dual Use Pins)	2	2	2	2
Digital Output	1	2	1	2