



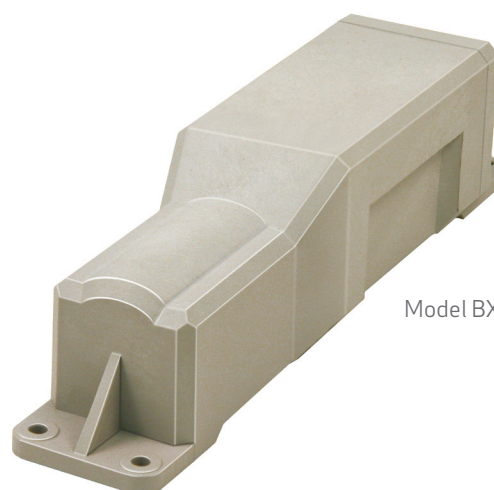
# VERIZON NETWORKFLEET ASSET GUARDS

The Verizon Networkfleet Asset Guard provides reliable tracking for fixed and movable fleet assets such as trailers, containers/pods, generators, heavy duty equipment, and more. The Asset Guard is an ideal solution for managing assets that will be deployed for long periods outdoors or in other rugged environments.

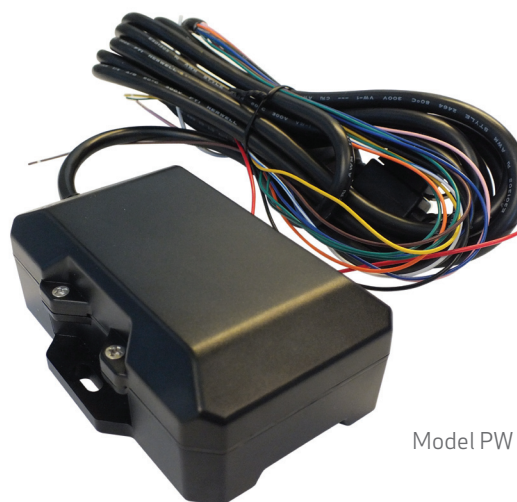
The Asset Guard offers complete asset tracking and communications incorporating GPS technology on a secure wireless network. Superior internal antennas for both cellular and GPS eliminate the need for wired antennas and make the Asset Guard mountable virtually anywhere on the asset for easy, inexpensive installations. With Asset Guard, you can control operating costs, reduce casualty losses and provide excellent field reliability.

## FEATURES AND BENEFITS

- Reliable cellular and GPS quality
- Built-in cellular and GPS antenna for easy installation
- Packet data and SMS-based messaging
- Super Sensitive GPS (-162 dBm tracking)
- Built-in 3-axis accelerometer for motion sense



Model BX



Model PW

MODEL	CONFIGURATION OPTIONS	REGULAR LOCATION FREQUENCY	LOCATION UPDATE ON MOVEMENT	LOCATION UPDATE ON STOP	LOCATION UPDATE FREQUENCY WHILE MOVING	LOCATION UPDATE WITH POWER SOURCE CHANGE
Battery Powered Asset Guard BX	1	Once every day	Yes	Yes	NA	NA
	2 (Default)	Once every day	No	No	NA	NA
	3	Once every day	Yes	Yes	15 minutes	NA
	4	Once every day	Yes	Yes	60 minutes	NA
Wired Asset Guard PW	Powered	Once every day	Yes	Yes	5 minutes	Yes
	Unpowered	Once every day	Yes	Yes	60 minutes	Yes

# Asset Guard Technical Specifications

	MODEL	
	BX	PW
<b>GENERAL SPECIFICATIONS</b>		
Communication Modes	CDMA/1xRTT or HSPA packet data UDP and SMS	CDMA/1xRTT packet data, UDP and SMS
Location Technology	50 channel GPS	50 channel GPS
Operating Voltage	3.6 volt internal battery pack	12 and 24 volt vehicle systems
<b>GPS SPECIFICATIONS</b>		
Location Technology	50-channel GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN	50-channel GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN
Location Accuracy	2.0 meter CEP (with SBAS)	2.0 meter CEP (with SBAS)
Tracking Sensitivity	-162dBm	-162dBm
Acquisition Sensitivity	-147dBm	-147dBm
<b>BATTERY PACK SPECIFICATIONS</b>		
Battery Capacity	57 amp hour	3.8 amp hour
Battery Operating Voltage	3.6 volts	3.6 volts
Battery Technology	Lithium Primary	Lithium Ion
Battery Pack	Field Replaceable	Back-up Battery 4 Hour Charge Time
<b>CELLULAR SPECIFICATIONS</b>		
Data Support	CDMA/1xRTT or HSPA packet data	CDMA/1xRTT packet data
Operating Bands		
CDMA/1xRTT	850/1800 MHz	850/1800 MHz
HSPA	850/1900 MHz	
CDMA Output Power	850 MHz: 24dBm 1800 MHz: 23dBm	850 MHz: 24dBm 1800 MHz: 23dBm
HSPA Output Power	850 MHz: 23dBm 1900 MHz: 23Bm	

	MODEL	
	BX	PW
<b>CERTIFICATION SPECIFICATIONS</b>		
CDMA	Fully certified FCC, Verizon	Fully certified FCC, Verizon
HSPA	Fully certified FCC, IC, PTCRB	
<b>PHYSICAL SPECIFICATIONS</b>		
Dimensions	2.25 x 2.25 x 10.5" (55 x 55 x 260mm)	4.3 x 3.2 x 1.6" (110 x 80 x 40 mm)
Weight	32 oz (907 g)	9.6 oz (272 g)
<b>ELECTRICAL SPECIFICATIONS</b>		
Operating Voltage	3.6V internal battery	6-32 VDC
Power Consumption	1 mA (deep sleep)	8 mA @ 12V (sleep)
	10 mA (sleep on network)	20 mA @ 12V (sleep on network)
	70 mA (active standby)	60 mA @ 12V (active standby)
<b>ENVIRONMENTAL SPECIFICATIONS</b>		
Temperature	-30° to +75° C (operating)	-30° to +75° C (operating)
	-40° to +85° C (storage)	-40° to +85° C (storage)
Humidity	95%RH @ 50° C non-condensing	95%RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G and 810F, SAE J1455	U.S. Military Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B; Industry Canada	SAE J1113; FCC-Part 15B; Industry Canada
RoHS Compliant	YES	YES
<b>MOUNTING SPECIFICATIONS</b>		
	Screw Mount	Screw Mount
	Magnet Mount	

## CONTACT US

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