

ACT200D

Vehicle Tracking, Monitoring
and Management Device



AnyDATA®



Created for vehicle tracking, monitoring and management, the ACT200D is ideal for a number of applications including Fleet Management, Usage Based Insurance and Teen Tracking. The ACT200D is discreet and easy to install saving both time and money. Once installed, it gathers, tracks and transmits user defined data on the vehicle via telematics that is accessible



from any internet connected computer.

Backed with over 15 years of experience in design and manufacture of wireless modules and devices including tablets, mobile hotspots, USB modems, smartphones, wireless GPS devices and mobile-to-mobile tracking solutions, the ACT200D joins an expansive portfolio of successful wireless products from AnyDATA.

- » **Easy to install** – saves both time and eliminates high installation costs
- » **Compact design** – powered through the OBD port for low and smart power consumption
- » **Supports GPS and CDMA Networks** – CDMA Cellular 800MHz and 1900MHz
- » **Increase safety** – highly sensitive GPS able to track vehicle locations in real-time
- » **Lower costs and increase efficiency** – analyze fuel usage, driver routes and vehicle maintenance needs
- » **Accident analysis** – remotely access mileage and driver behavior to analyze likelihood of an accident
- » **Mobile alerts** – sent directly to mobile devices when vehicles enter or exit our of predefined geofenced areas

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General Specifications

RF module	AnyDATA DTW200D module QSC6055, CDMA 2000 1xRTT, 800/1900MHz
Product Type	Vehicle location and diagnostic management device
Connectivity	OBDII (On-Board Diagnostic System)
Power input	Vehicle battery (10~16V); No internal battery
Temperature (Operating)	-20 ~ +70°C
Size	75.24mm(L) x 44.60mm(W) x 21.4mm(H)(pk 26.4)
GPS	SGPS, AGPS, gpsOneXTRA-tm
Vehicle Information	OBDII compliant information
Antenna	Internal - CDMA and GPS
Approvals/Certifications	FCC, CCF, RoHS,
Carrier Certifications	Sprint

Software Specifications

	Location Features
One time fix	User-initiated location report
Interval track	Periodic location reports as frequent as 1 fix/sec.
Geo fence	Alerts when the device enters or exits user-defined areas on the map
Store and Forward	Reports the location/vehicle data acquired while the device was out of cellular service when the device returns to cellular coverage
	Vehicle Information Alerts
Engine on/off report	Report the engine ignition status
Speed alert	Alert when the vehicle speed goes over a designated limit
RPM alert	Alert when the engine RPM goes over a designated limit
Gas alert	Alert when the gas level goes under the limit (if applicable)
Coolant temperature	Alert when the coolant temperature goes over a set limit
Engine light	Alert for "Check Engine" light illumination
	Diagnostics Monitor Mode
Programmable / Selectable Window view	Portal view of numerous diagnostic data for vehicle troubleshooting

Hardware Specifications

	Electrical
Operating Voltage:	10 ~ 16V
Max Output Power:	24.0dBm
Current Consumption:	Active (~250mA) Idle (100mA) Sleep mode (2mA)
Sensitivity:	Less than - 106.5dBm
Receive Frequency:	869.04 ~ 893.97Mhz
Transmit Frequency:	1931.25 ~ 1988.75Mhz 824.04 ~ 848.97Mhz 1851.25 ~ 1908.75Mhz
	Environmental
Operating Temperature:	(-20 ~ +70°C)
Storage Temperature:	(-55 ~ +100°C)
	Mechanical
Dimensions:	74.24 x 44.60 x 21.4mm (pk 26.4)
Weight:	48.4 gram (1.71 oz)

OBDII CAN Bus Data Monitoring

	Most Common Vehicle Data Accessed
VIN	Vehicle Identification Number (Variable by make/model)
Speed	Monitor vehicle's speed
Engine RPM	Engine Performance check
MIL Status	Check engine light
Fuel Level	Re-fuel notification
DTC Codes	Vehicle Malfunctions
Ignition Status	On or Off
Coolant temperature	Engine overheat

OBDII Protocols Supported

	Legislated OBDII Protocols
SAE J1850 PWM	Ford Vehicles
SAE J1850 VPW	GM Vehicles
ISO 9141-2	Asian, European, Chrysler Vehicles
ISO 15765-4	CAN
ISO 14230-4	Keyword Protocol 2000
	Non-Legislated OBDII Protocol
ISO 11898	raw CAN
ISO 15765	

AnyDATA Corporation
5 Oldfield, Irvine, California 92618

Tel: 949-900-6040
Fax: 949-600-9909