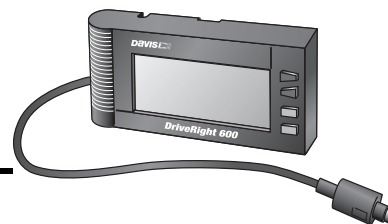


# DriveRight® 600

Vehicle & Driver Safety Monitor

8156



DriveRight 600 monitors and logs vehicle trip information including detailed driver performance data. The interactive LCD display allows you to set speed, acceleration and deceleration limits and to view trip data. An internal audible alarm alerts drivers whenever one of the pre-set limits has been exceeded. In the event of an accident or sudden stop, DriveRight 600 also records the vehicle speed for each the 20 seconds before and after a sudden deceleration. Two digital inputs allow DriveRight 600 to monitor vehicle functions such as brake lights, headlights, seatbelt use and power take off (PTO) use. The optional DriveRight GPS Module (#8157) provides detailed information of a vehicle's route by recording the latitude and longitude at time intervals determined by the manager.

All data recorded by DriveRight 600 can be downloaded to a computer for use with the DriveRight Fleet Management Software (FMS). The optional DriveRight FMS provides powerful reporting and data storage capabilities and is compatible with five popular database platforms.

## TECHNICAL SPECIFICATIONS

<b>Speed</b>	Displays current speed in MPH or km/h Records maximum speed for each trip Records total time in which speed exceeded set limit for each trip Accuracy: $\pm 1\%$
<b>Acceleration and Deceleration</b>	Displays current acceleration in g's (an acceleration of 22 MPH/sec. or 35 km/h/sec.). Records number of times acceleration exceeds specified limit for each trip. Records number of times deceleration exceeds specified limit for each trip. Accuracy: $\pm 5\%$
<b>Alarms</b>	Audible alarm for exceeding speed, acceleration, and deceleration limits Visible alarm message for exceeding speed, acceleration, and deceleration limits Driver ID/Location ID code entry reminder alarm (requires software to set)
<b>Distance</b>	Displays and records total distance travelled during current trip in miles or kilometers. Records overall distance (odometer requires software to set). Specifies miles as business, personal, commute, or other. Accuracy: $\pm 1\%$
<b>Time &amp; Date</b>	Displays current date in Month:Day or Day:Month format. Displays current time in 12- or 24-hour format. Records start and end time for each trip. Records total time for each trip. Accuracy: $\pm 2$ seconds/day
<b>Accident Logs</b>	Records vehicle speed in last 20 seconds before and after deceleration limit exceeded. Stores 10 separate accident logs. Stores last 20 seconds of each of the last 20 trips.
<b>Security</b>	Owner-specified 4-digit password protects settings and data. Tamper indicator message appears if unit is disconnected. Tamper indicator appears if incorrect security password is entered 5 times. Tamper log stores time and date of last 10 tamper alerts. Time and date of each connect and disconnect is recorded.
<b>Vehicle Speed Sensor</b>	OBDII port, VSS input or reed switch sensor with magnet for mounting on vehicle driveshaft of rear wheel drive vehicles or on the CV joint of front wheel drive vehicles.
<b>Lamp</b>	Illuminated display
<b>Primary Power</b>	11 to 18 VDC (12 VDC nominal)
<b>Secondary Power</b>	3-volt CR123 lithium battery (included) allows unit to be removed from car. Battery operating time is approximately 260 hours when it is disconnected from vehicle. Battery life is up to four months in sleep mode.

## TECHNICAL SPECIFICATIONS

<b>Digital Inputs</b> <b>(Used to monitor operation of brakes, headlights, and other 12-volt accessories)</b>	2 digital inputs. Input 1 : green wire; Input 2: yellow wire Input Impedance: >1 Megohm High input range: 3 VDC min to system voltage max Low input range: -0.5 min to 1.0 VDC max Input 1 Sampling: Start and stop of trip, GPS record, Accident Log Input 2 Sampling: Start and stop of trip, GPS record
<b>Fuses (1 power &amp; 2 digital input)</b>	3AG, .25A, Slo-Blo (1.25 x .25", 6.4 x 31.8mm)
<b>Temperature</b>	Display temperature range: -4° F to 185° F (-20°C to 85°C) Operating temperature range: -40° F to 185° F (-40°C to 85°C)
<b>Size</b>	Console: 5.25" x 2.25" x 0.86" (132 mm x 57 mm x 22 mm) LCD display size: 3.20" x 1.30" (81 mm x 33 mm)
<b>Mounting Options</b>	Visor clip for mounting on visor or door pockets. Double-sided tape for mounting on dashboard and other surfaces. Velcro with pressure-sensitive adhesive for mounting on dashboard and other surfaces. Mounting bracket with right angle adapter for special mounting needs.