



The rugged and robust DCM-300G modem provides wireless 3G connectivity for Connected Farm™ solutions. It enables reliable access to Trimble® CenterPoint™ VRS™ corrections, Trimble CenterPoint RTX™ corrections as well as other 3rd party network RTK solutions.

The modem can be used with Connected Farm for wireless data transfer between the office and field, and vehicle to vehicle—allowing quicker access to data. Compatible with most brands of equipment, the modem can also capture real-time fleet positions, public CAN messages, and fleet productivity information. The DCM-300G modem uses global ready 3G HSDPA/UMTS network technology.

Key Features

- External antenna (included) connects to the modem to maximize cellular service
- SIM card – interchangeable
- Rugged and sealed aluminum housing
- Connections for Wi-Fi and cellular
- GPS for fleet position tracking

Fleet

- Fleet position tracking
- Security alerts
- Public CAN messages
- Fleet productivity

Office to Field Data Exchange

- Transfer yield data, guidance lines, coverage maps, prescription maps, and more
- Cellular or Wi-Fi compatible*


Vehicle to Vehicle Data Exchange

- Transfer tank levels, guidance lines, coverage maps, and more
- Wi-Fi compatible*

Remote Assistant

- Remote access of display
- Real-time diagnostics

**Using the Wi-Fi feature does not require a cellular data plan*

DCM-300G MODEM	
GSM Global Ready	Yes
Fleet	Yes
Office to Field Data Exchange	Yes
Vehicle to Vehicle Data Exchange	Yes
Remote Assistant	Yes
Trimble Correction Services	Yes
Third Party Corrections	Yes

DCM-300G modem is compatible with the following Trimble displays and receivers

- Trimble TMX-2050™ display
- Trimble FmX® integrated display
- Trimble CFX-750™ display
- Trimble AgGPS® 262 receiver
- Trimble AG-372 GNSS receiver

Compatible Countries

North America: United States, Canada, Mexico, Puerto Rico

Europe: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lichtenstein, Lithuania, Luxembourg, Malta, Mayotte, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, Ukraine, Serbia

Latin America: Argentina, Brazil, Chile, Columbia, Panama

Africa: South Africa

Asia-Pacific: New Zealand, Australia, Japan, China, Indonesia

Note: More countries/regions may be added on the list. Please contact Trimble for updates.

ITEM	DESCRIPTION	
Modem type	DCM-300G	Wireless Interface: Tri-Band UMTS/HSDPA (WCDMA/FDD) 850/1900/2100 Mhz Quad-Band GSM/GPRS/EDGE 850/900/1800/1900 MHz
Dimensions (WxDxH)	230 mm x 136.3 mm x 40 mm (9.05 in x 5.37 in x 1.57 in)	
Weight	1.09 kg (2.40 pounds)	
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)	
Storage Temperature	-40 °C to +85 °C (-40 °F to +185 °F)	
Casing	Cast Aluminum	
Connectors	Multi	34 Pin male positive locking
	GPS Antenna	SMA Jack
	Cellular Antenna	TNC Jack
	Wi-Fi Antenna	RP TNC Jack
Certifications	DCM-300G: FCC Class B Part 15, CE Mark; A-Tick mark; WEEE; RSS-210; Industry Canada; PTCRB; RoHS; SAE J1171; SAE J113-13; SAE J1455; e-Mark; IP67, IP66	
Input Voltage	7.0-32.0 V DC	Unit will tolerate an 80V jump start transient for at least 2 minutes. Meets SAE J1113/11 cold cranking waveform specifications for both 12V and 24V systems
Telematics GPS Positioning	Type	12 channel; L1 C/A Code, Continuous Tracking
	SBAS Support	WAAS, EGNOS
	Horizontal Accuracy	< 2.5 m (50% CEP)
	Maximum Update Rate	1Hz
	Tracking Sensitivity	-160 dBm
	Acquisition Sensitivity	-146 dBm
	Time to Position (typical)	Cold Start: 38 Seconds Warm Start: 38 Seconds After 15 Second Signal Blockage: < 2 Seconds

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