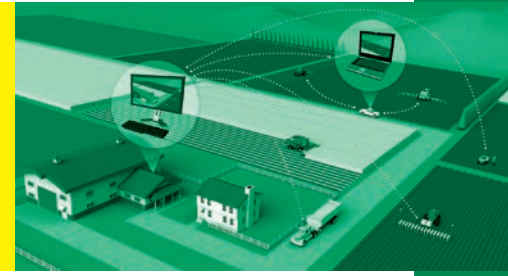


DCM-300 MODEM

THE ALL-IN-ONE CONNECTED FARM SOLUTION



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

The modem can also be used for wireless data transfer between the Trimble FmX® or CFX-750™ displays and Farm Works® Information Management solutions. It offers a flexible solution for asset tracking that can be used with any equipment brand. The DCM-300 modem is available with either EV-DO Rev A or a global ready HSDPA/UMTS network technology which support popular cellular networks such as Verizon and AT&T.




External antenna (included) connects to the modem to maximize cellular service



DCM-300 MODEM OPTIONS

Trimble offers two modem options based on your cellular service needs. The DCM-300G modem utilizes a global GSM cellular network (such as AT&T) and offers a flexible SIM card option for other global services. The DCM-300C modem utilizes a CDMA cellular service (such as Verizon) and is used primarily in the USA. Data plans can be acquired through Trimble or a third party provider.

NEW! DCM-300 MODEM



GSM Global Network Coverage ¹	✓
Verizon Network Coverage ²	✓
Dispatch	✓
Sync	✓
CenterPoint VRS Correction Service	✓

Notes:
1 With DCM-300G model
2 With DCM-300C model

DISPATCH	SYNC	CENTERPOINT VRS
<ul style="list-style-type: none"> • Vehicle tracking • Geo-fencing • E-mail alerts 	<ul style="list-style-type: none"> • Data exchange • Data security • Wi-Fi compatibility 	<ul style="list-style-type: none"> • RTK accuracy • Expanding coverage • Supported network



DCM-300 MODEM

THE ALL-IN-ONE CONNECTED FARM SOLUTION

PLUG-N-PLAY USB CONNECTION



DCM-300 MODEM AS A VRS SOLUTION IS COLOR BLIND AND CAN WORK WITH 3RD PARTY CORRECTIONS:

- ✓ State run or public RTK networks*
- ✓ Other non-Trimble solutions*
- ✓ CORS (Continuously Operating Reference Station)*

*when CMR or CMR+ formats are output

DCM-300 MODEM IS COMPATIBLE WITH THE FOLLOWING TRIMBLE DISPLAYS AND RECEIVERS:

- ✓ Trimble FmX integrated display
- ✓ Trimble CFX-750 display
- ✓ Trimble AgGPS® 262 receiver

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
	DCM-300C	Wireless Interface: EV-DO REV A/EV-DO/CDMA 800/1900 MHz
DIMENSIONS (WxDxH)	230 mm x 136.3 mm x 40 mm (9.05 in x 5.37 in x 1.57 in)	
WEIGHT	1.09kg (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	
	DCM-300C: FCC Class B, Part 15; WEEE; RoHS; SAE; 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

www.farmworks.com

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