

Teledyne Isco 2103Ci CDMA Cellular Modem Module

This cellular modem module is designed to push Isco 2100 Series flow meter data to a remote Flowlink® database. Data can also be downloaded from the server using an internet connection. The 2103Ci modem module uses Serial Over Internet Protocol (SOIP), so a landline modem is not required. This ability virtually eliminates the need for routine site visits, time-consuming (and potentially dangerous) confined space entry, as well as costly installation of land lines.

Improved efficiency in I&I studies, cMOM, SSO, and CSO

- Automatic alarm messaging to pagers or cell phones via SMS and server
- Service coverage for most of North America
- Compatibility with Isco Flowlink data management software, enabling sophisticated analysis, editing, graphing, reporting, and archiving.
- Resistance to lightning damage

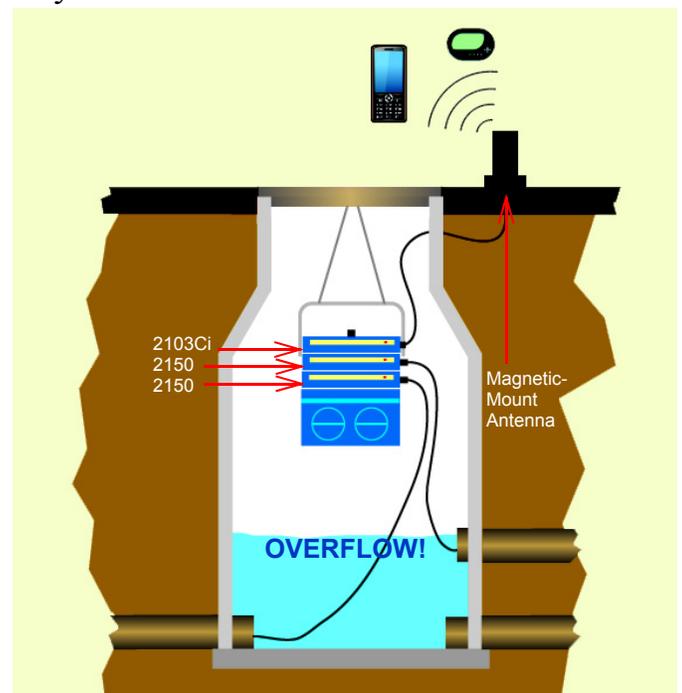
Long battery life

While preset dial-out conditions will automatically power up the internal modem, you can significantly extend battery life by programming the module with specific conditions to power up the modem for dial-in communication.



Pushed-data capability

The 2103Ci can automatically send data via the internet to a designated server running Isco Flowlink Pro software, using economical 1xRTT packet-switched data transmission. The user-specified primary data transmission interval (from 5 minutes to 24 hours) can automatically switch to a shorter interval when specific site conditions occur. An Oracle® or Microsoft® SQL database is required to use this feature. Contact the factory for additional information.



The dial-out feature enables the 2103Ci to send a text alarm to your cell phone or pager.

Specifications

Dimensions (W x D x H):	10.5 x 7.5 x 2.9 in.	26.7 x 19 x 7.4 cm
Weight:	2 lbs	0.9 Kg
Material:	High-impact molded polystyrene	
Enclosure:	NEMA 4X, 6P, IP68	
Power:	Provided by Isco 2191 Battery Module	
Operating Temperature:	-4° to 140°F (-20° to 60°C)	
Storage Temperature:	-40° to 140°F (-40° to 60°C)	
Serial Port Communication Speeds (not modem):	Up to 38,400 bps	
Cellular Communication:	Serial Over IP (SOIP): CDMA/1xRTT	

Teledyne Isco is continually improving its products and reserves the right to change specifications without notice.

Ordering Information

Teledyne Isco will consult with the customer at the time of order to install the phone number per customer's service contract, and make test calls in and out, normally providing plug-and-play startup when the modem is delivered.

2103Ci module w/ magnetic-mount antenna	68-2000-098
Magnetic-mount antenna	60-2004-550
Manhole Lid Antenna	60-5314-820
Flowlink 5.1 Software	68-2541-200
Flowlink Pro Software	68-2540-276



Magnetic-mount antenna:

For elevated placement to extend range & avoid signal obstruction, e.g., where module is in a steel enclosure.

Note: Customer is responsible for confirming that local CDMA service provides coverage where the module will be deployed.



Teledyne Isco

4700 Superior Street USA and Canada (800) 228-4373
Lincoln, NE 68504 USA Fax: (402) 465-3022
Tel: (402) 464-0231 E-Mail: IscoInfo@teledyne.com
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