

Isco 2103ci CDMA Cellular Phone Modem

This cellular modem module is factory-configured to deliver Isco 2100 Series flow meter data to an identified, remote server 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

The 2103ci stacks together with up to three other Isco 2100 Series flow modules of your choice, giving you a compact, integrated system for open channel flow data collection and management. Features include:

- ◆ Automatic dial-out alarm messaging to pagers or cell phones
- ◆ Resistance to lightning damage
- ◆ Compatibility with Isco Flowlink® Data Management Software, allowing sophisticated analysis, editing, graphing, reporting, and archiving.

Long battery life

Pre-set dial-out conditions automatically cause the 2103ci to power up, but the user may program specific “on times” for dial-in communication, significantly extending battery life.

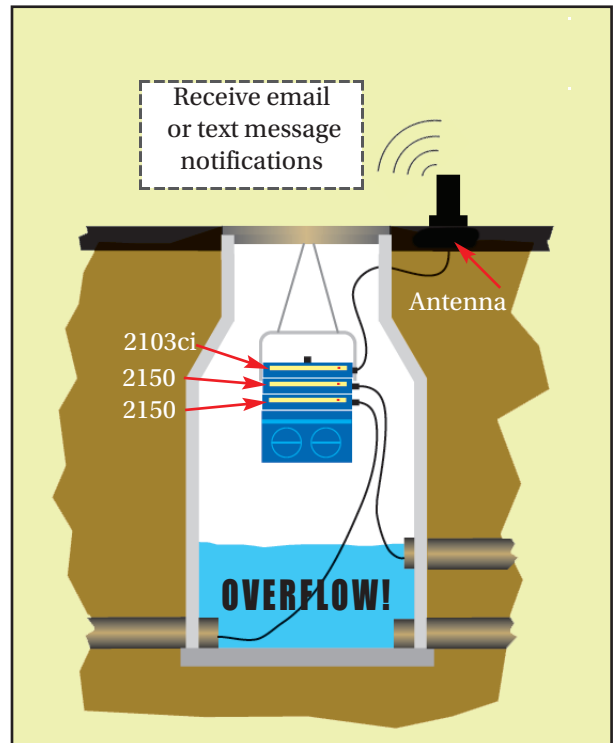
** Contact the factory for additional information regarding service providers.*



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 change to a secondary interval when specific site conditions occur at the monitoring site.

An Oracle® or Microsoft® SQL database is required to use this feature. Contact the factory for additional information.



The 2103ci dial-out feature enables it to transmit a text message alarm to your digital cell phone or pager.

Specifications

2103ci CDMA Cellular Phone Modem	
Size: (H x W x D)	2.9 x 10.5 x 7.5 in (7.3 x 26.7 x 19 cm)
Weight:	2.0 pounds (9 kg)
Enclosure:	NEMA 4X, 6P (IP 68)
Material:	High-impact polystyrene
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)
Setup and data retrieval:	Via PC with Isco Flowlink Software

2191 Battery Module	
Size: (H x W x D)	6.0 x 9.6 x 7.6 in (15 x 22 x 19 cm)
Weight: (w/o batteries)	3.2 lbs (1.45 kg)
Enclosure: (self-certified)	NEMA 4X, 6P (IP 68)
Material:	High-impact polystyrene
Batteries:	Two 6V alkaline or lead-acid lantern
Alkaline	25 Ahr capacity
Lead-acid	5 Ahr capacity

Ordering Information

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

Description	Part Number
2103ci CDMA Digital Cell Phone package with magnetic-mount antenna	68-2000-098
Magnetic-mount antenna Includes 10-foot (3-meter) cable	60-2004-550
Isco Flowlink Software	68-2540-200
Isco Flowlink Pro Software	68-2540-270

Note: Isco cannot be responsible for availability of cellular service at the customer's installation site. The customer is responsible for confirming that the selected CDMA service provides coverage where the modem will be deployed.



Magnetic-mount antenna, for elevated placement to extend range and avoid signal obstruction, e.g., where modem is inside a steel enclosure or steel-framed building.

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Water is life. Protect it.

Isco reserves the right to change specifications without notice.

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