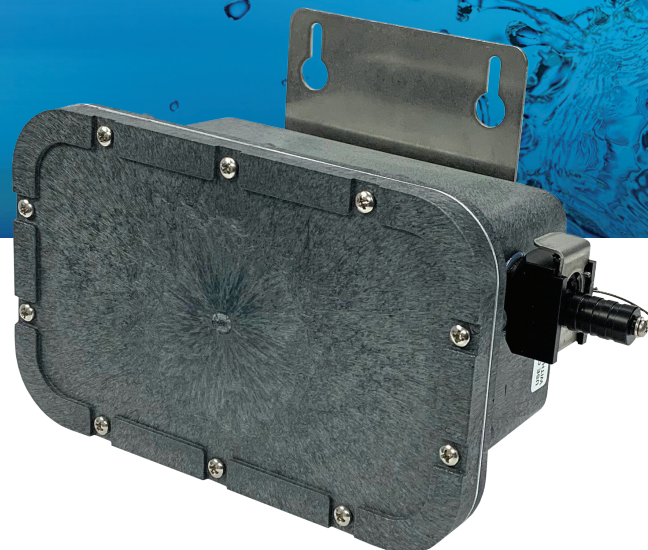


6712Ci Modem

for 6712 Series Samplers



The Teledyne ISCO 6712Ci modem offers flexible communication capability for 6712 and Avalanche® portable samplers when systems are deployed in remote or limited access applications.

Communicate with remote sites for alarms, data retrieval, and sampler control

This cellular modem provides wireless digital communication, reducing the need for costly trips to monitoring sites that are distant and/or difficult to get to, including rural watersheds as well as manholes in high-traffic urban arterials. It allows the sampler to transmit text message alarms to a text-enabled phone to receive text message commands or email alerts. Communication can also be established via the Internet through a PC for remote data retrieval and control.



The CDMA cellular phone modem works with 6700 Series samplers, and the Avalanche® Portable Refrigerated Sampler. A rain gauge, 700 Series Flow Module, and/or SDI 12 multi-parameter sonde can be connected to the sampler for integrated monitoring. Data logged by the controller can be downloaded via the modem.

Optional solar power allows long-term operation in remote sites, free of dependence on utility connections

Applications:

- Triggering sample collection remotely, on command
- Modification of sampling programs remotely in response to changing conditions
- Monitoring progress of sampling partners
- Transmitting alarms to notify that samples have been collected and are awaiting retrieval
- Remote data retrieval using Flowlink® software.

Standard Features:

- Remote control of sampler functions using a terminal program such as HyperTerminal®
- Remote control via email or text messaging
- No separate power required—the modem is powered directly from the sampler's interrogation connection
- Package includes a magnetic-mount antenna
- SMS message from one sampler to another to enable program
- Unrestricted static IP address recommended
- Machine to machine (data) and SMS (text message) services only. Voice service not required.

Specifications

Size (HxWxD): 4.5 x 7.5 x 4.0 inches (113 x 188 x 100 mm)

Weight: 2 lbs (0.9 kg)

Enclosure: NEMA 4X, 6 (IP67)

Power: Provided by 6700 Series Sampler.

Operating Temperature: 0° to 140°F (-20° to 60°C)

Alarm Method: Text message

Recommended Service: Machine to machine

Ordering Information

Description	Part Number
6712Ci Lte Modem Assembly with Antenna and Connect Cable This requires software revision 3.02.0007 Or higher. Customer must verify they have hardware rev c or phone will not function.	60-9004-403
Replacement magnetic-mount antenna For elevated placement to extend range and avoid signal obstruction, e.g., where modem is inside a metal enclosure or steel framed building.	60-4804-035
Optional 40 watt solar power system Powers 6712 sampler plus CDMA modem and other accessories indefinitely in most remote locations.	60-5314-347
Teledyne ISCO Flowlink® software.	68-2540-200



Below: Magnetic mount antenna 3 inches (76.2 mm tall) recommended for improved signal transmission where the sampling system is located inside a metal enclosure or steel-framed building.



Flowlink software provides data retrieval and advanced analysis. Refer to separate Flowlink brochure for complete information about this powerful data management program.

Teledyne ISCO

P.O. Box 82531, Lincoln, Nebraska, 68501 USA
Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091

teledyneisco.com



Teledyne ISCO is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.



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