

Text Messaging Control of Teledyne Isco Samplers

Application Note



Expertise in Monitoring

6712 Portable Sampler



- Storm Water Monitoring
- CSO Monitoring
- Permit Compliance
- Pretreatment Compliance

6712ci Modem



- IP Addressable
- Remote Communication to the Isco 6712/ Avalanche Samplers
- Uses Cellular Phone Data Plans

Those responsible for data collection during storm water collection or pollutant discharge events may worry about their data being collected properly. The Teledyne Isco 6712ci IP Addressable Modem can help put these worries at ease.



Remote Control *plus* Status Updates

The Teledyne Isco 6712ci IP Addressable Modem is an IP addressable device that can create an internet bridge to the sampling device. It allows cellular phone users to contact a 6712ci modem and Avalanche Sampler using only their text enabled cellular telephone or with any computer with internet access.



Programs can be initiated via a SMS message as well as enable or disable instructions using text commands. By texting a “6712 STATUS” request to the cellular phone number assigned to the modem, a return message is sent that relays important site information to the end user. This technology is useful in the Storm Water or Discharge Rules Enforcement Monitoring.

To initiate commands type “6712 _ _ _ _” (e.g. “6712 RUN 1”) into the message text box on the cellular phone and send the command to the phone number associated with the 6712ci Modem. When a command is sent a return text message is generated by the modem that indicates the current status of the sampling unit. See reverse side of this application note to see a table of commands.

Status Return Text Example:

Isco Sampler 804, Isco 6712ci
IP: 166.156.81.160, Sampler Status: Program
Running Program Status: 0 Samples

Table 1: 6712ci Text Commands

START	This command will immediately start and set the program to WAIT FOR PHONE CALL and currently waiting for a remote start command.
RUN 1	This command will load PROGRAM 1 and run the program. RUN 1 will also run the current program if the sampler is in STANDBY mode.
RUN 2 RUN 3 RUN 4	These commands will load the selected program number as the samplers current program.
DISABLE	This command disables a currently running program.
ENABLE	This command is used to re-enable the sampler if it has been disabled using a text command.
TAKE_SAMPLE	This command forces a currently running program to collect a sample in the next available bottle.
STATUS	This command causes the sampler to return its status information and current parameter data.

Teledyne Isco is the Industry Leader in remote communications to sample collection equipment. The 6712ci is one of the latest innovations in Teledyne Isco's Communication offerings.

Teledyne Isco

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