QUICK REFERENCE GUIDE



ADS[®] Qstart[™] Installation, Setup, and Collection

Qstart is a simple, user-friendly software utility that allows you to quickly setup and activate **ADS TRITON+®**, **FlowShark® TRITON®**, **FlowShark®**, **ECHO™**, **RainAlert® III™**, and **IETG FlowHawk™** monitors. Qstart also enables you to collect and review monitor data in hydrograph and tabular views simultaneously. An end-of-day *Archive* feature "zips-up" the modified data files and stores them in folders for easy import into other software packages. See below for the quick and easy steps to getting your ADS monitors up and running.

Qstart Software Installation:

To download Q*start*, customers may go to the ADS website at <u>www.adsenv.com/software-downloads</u>. Follow the instructions in the **Q***start* **Installation Guide** to download and install Q*start*. Once installed, double-click on the Q*start* icon on your desktop screen to launch Q*start*. Upon initial launch, a **Settings** screen will display:

Settings - ADS Qstar			? x
Data Path	Z:\Qstart LIFs		
Serial Port	COM4 👻	Modem Port	COM1 -
Bluetooth Port	COM12 -		
Units	US 👻	Data Format	Both 👻
Always use monito	r LIF as preferred configuration	Use ADS Date	es For CSV 📃
CSV Delimiter	. (comma) 👻	CSV Decimal	. (period) 👻
Default Location	ECHO_Verizon_30001		Advanced
	ОК	Cancel	

Enter or browse to the desired *Data Path* for your site folders, and then select the correct *Serial* and *Modem* ports for your computer, the desired *Units* of measure for your data, the *Data Format* for the collected data, and the desired CSV Delimiter and CSV Decimal, if applicable. Also select the *Use ADS Dates for CSV* checkbox. Then, click on OK. You are now ready to set up and activate your ADS monitors!

Qstart Main Screen:

ADS Qstart - D	AT				
Monitor				Functions	
Location Name	New_Loc 👻	Connect	Serial 👻	Connect	Upload Archive
Series	TRITON+	IP Address		Activate	Upgrade Advanced
Serial Number	1	Time Zone Offset	0 🖨 Modbus	Collect	Logs Help
Sample Rate	5 mins Fast Rate	5 mins		Status	Data
Monitoring Point 1	Monitoring Point 2				
Туре	Pipe: Circular	•	Display Devices Pea	k Combo 1	
Description	Circular (36 in H)		MLI Flov		View
Height	36.00 in Width	36.00	in		Read All
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u starti	Settings	Save	<u>N</u> ew Defau	lt	Set As Default
isconnected					

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View

rate in the collected Qstart data. Qstart does not calcu-

7. Update each device with the appropriate parameters by

Set As Default to create the new *default* location with

selecting the device and clicking on the

your project-specific default parameters.

6. Once the parameters are updated, click on Save

7. Click on Hangup when activation is complete.

and then Activate . Qstart will call and activate the

late flow rate; therefore, the monitor must be configured

Qstart Initial Setup:

ADS recommends setting up a default Location Information File (LIF) that you can use as a template for all subsequent monitor locations. Enter a logical name for the default location in the Location Name field (for example, enter "Default_Loc").

to log this entity.

button.

monitor.

- 1. Select the monitor Series for the default location.
- 2. Select the communication method from the Connect drop-down list.
- 3. Enter 0 (zero) for the Serial Number.
- 4. Select the desired default Sample Rate.
- 5. Verify *Circular* is the correct pipe *Type*.
- 6. Verify the Devices list accurately represents the devices to 8. Once setup is complete, click on Save and then be used on the current project. Update as necessary from the *Available Devices* by clicking on the ____ button. Select the Flow 1 or Flow 2 (for Monitoring Point 2) device and configure appropriately if you want to include flow

Qstart New Location Setup and Activation:

- 1. Click on New
- 2. Update the Location Name field with the desired name for the location you are configuring. Refer to the online help for the specific naming conventions.
- 3. Enter the Serial Number of the monitor to be installed.
- 4. Update the pipe Height and Width as necessary.
- 5. Update the device parameters as necessary by selecting the device and clicking on the View button.

Ostart Data Collection and Data Display:

- 1. Click on Collect to upload data from the monitor.
- 2. Verify the specified date range to collect, and click on . Qstart will collect the data and automatically display the data in both hydrograph and tabular format.
- 3. Click on Hangup when the data collection and review process is complete.
- 4. To view historical data from a location, click on Data verify the date range is correct, and click on

Qstart Diagnostics:

Qstart provides three diagnostic functions:

- 1. Click on Status to review the operational integrity of the monitor.
- 2. Click on Bead All to obtain instantaneous readings of all configured sensors.

Ostart Archive:

At the end of the day, when all the data has been collected, click on Archive . Qstart will archive the data, the updated log files, and any changes in the LIF to a zipped file in your location directory folder for retrieval into the software package of your choice. The files will contain .CSV and/or ADS bin files, depending on the initial Settings configured.

Qstart Support:

Online Help for Qstart is available by clicking on the Help button on Qstart's main screen. It provides in-depth descriptions of each Qstart function and should answer most questions that may arise while using the Qstart software. Contact adssupportcenter@idexcorp.com if you have additional questions about the ADS Qstart software utility.



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				IC01						DateTime	MPTUINDEPTH	MP19LDW1	MP1\QTHRESH0LD	MP11204
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3. Click on Connect and then View (once connected) to access the sensor diagnostic capabilities. Highlight the desired Device on which you want to perform diagnostics and then click on View to obtain access to the device dialog of the individual sensor for which you want to take diagnostic readings.