

Quick Setup Guide

AEROCET 831

SERIAL COMMANDS

Protocol Summary:

- 38,400 Baud, 8 Data bits, No Parity, 1 Stop Bit
- Commands (CMD) are UPPER or lower case
- Commands are terminated with a carriage return <CR>
- To view setting = CMD <CR>
- To change setting = CMD <SPACE> <Value> <CR>

CMD	Type	DESCRIPTION
?,H	Help	View the help menu
1	Settings	View the settings
2	All data	Returns all available records.
3	New data	Returns all records since last '2' or '3' command.
4	Last data	Returns the last record or last n records (n = <Value>)
D	Date	Change date. Date is format is MM/DD/YY
T	Time	Change time. Time format is HH:MM:SS
C	Clear data	Displays a prompt for clearing the stored unit data.
S	Start	Start a sample
E	End	Ends a sample (abort the sample, no data record)
ID	Location	View / change the location number. Range 1-999.
OP	Op Status	Replies OP x, where x is "S" Stopped or "R" Running
RV	Revision	View Software Revision
SKx y.yy	K-Factors	View / change K-Factors. x = 1-4 (PM1, PM2.5, PM4, M10) y = K-Factor value Range = 0.10 to 9.99

SETTINGS TABLE

Function	Description
LOCATION NUBER	Range = 1 - 999
HISTORY	Display previous samples
FREE MEMORY	Display percent of memory available or clear all samples
MODE	Manual = single sample events Continuous = nonstop sampling
FAVORITE	Pin Favorite PM range to the top display line
TIME	Display / set time
DATE	Display / set date
ABOUT	Model Number and firmware version



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