ZLog 6 Serial Protocol

Command Format
<cmd>[=<value>]<CR>   if =<value> is specified, then set the value.   if =<value> is not specified, then get the value.   <CR> = 0x0D

Commands

System (immediate execution on character receive)		Z6M/D/R
!	Invoke Loader	M D R
*	Reset	M D R
Q	Repeat Last Command	M D R
<	Toggle Logging Output	M D R

Debug		Z6M/D/R
DB	Debug (0=off, 1=on)	M D R
CD	Coefficient Dump	M D R
DD	Dump Calc Data	M D R
CL	Calibrate	-
ED	Dump EEPROM (4 pages) n = pagenum	R
ET	EEPROM Test	R
EI	EEPROM ID	R
EE	Erase EEPROM (chip erase)	R
E1	Erase EEPROM Page 1	R
PW	Show Pulse Width (trigger)	R
DT	Data Test	R
DR	Data Recovery	R

BR	Baud Rate	-

General		Z6M/D/R
SV	Show Version	M D R
CF	Enter Config Menu	D R
CR	Config Reset Defaults	D R
CW	Config Write (after making changes)	D R

Measurements		Z6M/D/R
AL	Display the Altitude	M D R
TC	Display the Temperature in Celsius	M D R
TF	Display the Temperature in Fahrenheit	M D R
PR	Display the Pressure (millibar)	M D R
CB	Altitude Calibration (pascals or millibar*100) example: CB=101325	-
CI	Altitude Calibration (inches Hg * 100) example: CI=2992	-

Display		Z6M/D/R
ZR	Zero 0 = off (absolute mode) 1 = on (relative mode)	M D R
MX	Show Max Altitude	M D R
MC	Max Altitude Clear	M D R

Auto Functions		Z6M/D/R

AZ	Auto Zero
	  0 = off
	  1 = trigger
	  2 = powerup
	  3 = record
		D R

AS	Auto Start Record
	  0 = off
	  1 = time
	  2 = altitude
	  3 = trigger
		R

ST	Start Time n = seconds	R
SA	Start Altitude n = feet / yards / meters	R

AP	Auto Stop
	  0 = off
	  1 = time
	  2 = altitude
		R

PT	Stop Time n = seconds	R
PA	Stop Altitude n = feet / yards / meters	R

UA	Units Altitude
	  0 = feet
	  1 = yards
	  2 = meters
		-

UP	Units Pressure
	  0 = millibars
	  1 = inHg
		-

Recording		Z6M/D/R
SR	Sampling Rate n = sampling rate (in intervals)	R
SI	Sampling Interval (msec)	R

RT	Record Trigger
	   0 = off
	   1 = on
		R

RV	Reverse Trigger
	   0 = off
	   1 = on
		D R

RC	Recording
	   0 = off
	   1 = on
		R

Data		Z6M/D/R
LS	List Data Sets	R
NS	Get Number of Sets	R

DL	Download Set(s)
	   0 = all sets
	   n = set #n
		R

EA	Erase All Data Sets
	   1 = erase all
	   n = no erase
		R

ES	Erase Set(s) n = set #n	R