

:Config:Time:Format**Set Time Filter**

Selects the number of bytes, 0 - 4, to use for time stamps. Also selects the resolution of time to store.

```
:Config:Time:Format <time_bytes> <time_rsln>
<time_bytes>      0, 1, 2, 3, 4
<time_rsln>      1us, 1ms, 1s
```

Query:

:Config:Time:Format? Responds with the format of the timestamp.

:Config:Units:AC**Set ACV & ACI Units**

Sets units of measurement for AC voltage and current on applicable SmartLink™ instruments. Call for information/availability on upgrading for this new capability.

```
:Config:Units:AC <Volts|dB|dBm>
<Volts|dB|dBm>      Specify volts, dB (decibels) or dBm.
```

Query:

:Config:Units:AC? Responds with setting for AC units. Format of the response is identical to the format of the command shown above. Call for information/availability on upgrading for this new capability.

:Config:Units:Accel

Set Acceleration Units

Selects the units used for acceleration measurements.

:Config:Units:Accel <g|mps2|fps2>

<g|mps2|fps2>

g selects gravitational units.

mps2 selects meters per second squared.

fps2 selects feet per second squared.

Default is g.

Query:

:Config:Units:Accel? Responds with the current acceleration units.

:Config:Units:Force

Set Force Units

Selects the units used for force measurements.

:Config:Units:Force <Lb|N|Kg|Oz>

<Lb|N|Kg|Oz>

Lb selects pounds. N selects newtons.

Kg selects kilograms. Oz selects ounces.

Default is Lb.

Query:

:Config:Units:Force? Responds with the current force units.

Example:

:Config:Units:Force N

:Config:Units:Ohms

Set Ohms Units

Sets units of measurements for DC Ohms.

:Config:Units:Ohms <Ohms|Kohms|Mohms>

<Ohms|Kohms|Mohms> Ohms, Kohms, MegOhms

Query:

:Config:Units:Ohms? Responds with the configuration of Ohms units.

Config:Units:Pressure**Set Pressure Units**

Sets units of measurement for pressure on applicable SmartLink™ instruments.

:Config:Units:Pressure <psi|Atm|KPa>

<psi|Atm|KPa> Specify pressure units: pounds per square inch, atmospheres or KPascals.

Query:

:Config:Units:Pressure? Responds with configuration of pressure units. Format of the response is identical to the format of the command shown above. Call for information/availability on upgrading for this new capability.

:Config:Units:Strain**Set Strain Units**

Sets units of measurement for strain on applicable SmartLink™ instruments.

:Config:Units:Strain < μ E|compmV>

< μ E|compmV> μ E is microstrain; compmV is compensated millivolts.

Query:

:Config:Units:Strain? Responds with configuration of strain units. Format of the response is identical to the format of the command shown above.

:Config:Units:Temp**Set Temperature Units**

Set units for temperature on applicable SmartLink™ instruments.

:Config:Units:Temp <DegC|DegF|K>

<DegC|DegF|K> DegC is degrees centigrade, DegF is degrees Fahrenheit, K is Kelvin.

COMMAND REFERENCE

Query:

:Config:Units:Temp? Responds with configuration for temperature units.
Format of the response is identical to the format of the command shown above.

Example:

:Config:Units:Temp DegF

:Config:Units:Torque

Set Torque Units

Sets units of measurement for torque on applicable SmartLink™ instruments.

:Config:Units:Torque <FtLb|InLb|Nm|Kgm|InOz>

<FtLb|InLb|Nm|Kgm|InOz> FtLb is Foot-pounds; InLb is Inch-pounds; Nm is Newton-meters; Kgm is kilogram-meters; InOz is Ounce-inches.

Query:

:Config:Units:Torque? Responds with configuration for torque units.
Format of the response is identical to the format of the command shown above.

:Config:Units:VDC

Set DC Voltage Units

Sets units of measurement for DC Volts on applicable SmartLink™ instruments.

:Config:Units:VDC <Volts|mVolts>

<Volts|mVolts> Volts or millivolts

Query:

:Config:Units:VDC? Responds with configuration of Volts units.

:Config:Units:Weight **Set Weight Units**

Sets units of measurement for weight on applicable SmartLink™ instruments.

:Config:Units:Weight <Lb|N|Kg|Oz>

<Lb|N|Kg|Oz> Lb is pounds; N is Newtons; Kg is kilograms; Oz is ounces

Query:

:Config:Units:Weight? Responds with configuration for weight units. Format of the response is identical to the format of the command shown above.

:DataMem:Clear **Clear Data Memory**

Clear all stored data.

:DataMem:Clear

:DataMem? **Retrieve Stored Readings**

:DataMem? <All|<chan_list>> <All|<scan_list>> <ASCII|Binary>

<All|<chan_list>> Transmits all data from memory for the specified channels.

<All|<scan_list>> Transmits all data from memory for the specified scans.

<ASCII|Binary> Selects ASCII or binary format for the transmitted data.

Queries:

:DataMem:Chans? Shows the channels that are being stored in memory.

:DataMem:Format? Shows the format of the data in Memory. The :Config:DataMem:Format command formats how future data will be stored in memory. The DataMem:Format? query returns the format of the data currently in memory.