

**: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 <uE|compmV>

<uE|compmV>                       $\mu$ 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.