Command Reference

This section details all SmartLink™ commands. If your SmartLink™ does not support commands that you need, contact customer support to find out if you can upgrade for this specific capability.

SmartLink™ instruments use a command/response model for communication. This means that they will not transmit unless explicitly requested to do so from a client. In this model, the requesting computer is a client, and the SmartLink™ is a server. The point to remember is that a SmartLink™ will never initiate communications unless it is configured to transmit data when a limit event occurs.

When a client sends a command, the SmartLink™ will transmit a response and a prompt. There are three different prompts, depending upon whether or not there is an error.

=>	Command executed successfully
?>	Invalid command (command may be typed incorrectly)
!>	Valid command, but the SmartLink™ will not execute it because of its current configuration or state.
~>	A **:Scan** or **:Capture** command has been accepted and is currently executing. When the command is finished, the SmartLink™ will transmit one of the three prompts above, indicating the result.

Note: All commands are case insensitive

Examples

*Idn? (return the model number and serial number)

Network Meas. Model TMC-DCV32-RS232-C Ser#0 FW<**current rev**>
=>

*Idn (command typed incorrectly)

?>

To Specify a Channel Tag you use the <"chan_tag"> parameter to create a comment string that will be returned with each measurement. When you store or transmit the measurement to the display, the comment string is stored or displayed with the data. The default tag is "Channel-nn", where nn is the channel number. Maximum length for the string is 12 characters.

To Specify a Channel List you specify the <chan_list> parameter using numbers separated by commas, a range of channels separated by a dash, or a combination of the two as shown in the following channel list examples.

1,2,3,7,8	channels 1,2,3,7,8
1,2,4-6	channels 1,2,4,5,6
2-4,6-8	channels 2,3,4,6,7,8

Examples:

:meas? 1 5	Measure the input to channel 1, 5 times.
:meas? 1-4	Measure the input to channels 1,2,3,4 one time.
:meas? 1-4 1	Measure the input to channels 1,2,3,4 one time.
:meas? 1-4 10	Measure the input to channels 1,2,3,4 in sequence. Repeat the sequence 10 times.
:meas? 8,3,5,1-2 10	Measure the input to channels 1,2,3,5,8 in sequence. Repeat the sequence 10 times. The channels will be measured in sequence from lowest to highest regardless of the order you specify them in the channel list.