

Ethernet Connection to the Scale - In Motion Character

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When using an Ethernet connection and weights are to be manually entered with the Handbook 44 requirement enabled, select the *Disallow capture of Invalid / In Motion Weights* option on the *Grain Scale Interface / Setup / Scale Interface Configure* window. Use a character included in every string, such as L (ASCII code 76), for the *Comma Delimited List of Valid Weight Ascii Codes* textbox.

When the *Disallow capture of Invalid / In Motion Weights* option is not selected, the scale interface displays an asterisk (*).

The screenshot shows the 'Scale Interface Configure' window for 'Scale 1'. The 'Scale' tab is active, and the 'General' sub-tab is selected. The 'Scale Port' is set to 'Ethernet' with IP address '10.100.100.252' and port '4660'. The 'Scale Name' is 'Scale 1'. The 'Scale Char' is 'L'. The 'Disallow Capture of Invalid / In Motion Weights' checkbox is checked. The 'Comma Delimited List of Valid Weight ASCII Codes' field contains '76'. The 'Position of Valid Weight Flag from Start Char' field contains '6'. The 'Scale Read Method' is 'Standard'. The 'Maximum Capture Weight' is '9999999'. The 'Debug Scale' checkbox is unchecked. The 'Disallow Capture of Weight When Not in Scale Gross Mode' checkbox is unchecked. The 'Position of Valid Mode Flag from Start Char' field contains '0'. The 'Comma Delimited List of Valid Scale Mode ASCII Codes' field is empty. The 'Setup Weights Per Axle', 'List Grade Factors', 'Save', and 'Cancel' buttons are visible at the bottom.

If debugging the scale using the ASCII code, count the number of characters from the *Start Char* to the ASCII code value. Enter that number in the *Position of Valid Weight Flag from Start Char* field.

Scale Interface Configure

Scale to Configure
Scale 1

Scale | General | Printer

Ticket Counter: Document Type | Use Older Windows Serial Component: | <Default Location>: 02MISO

Setup Document Type Counters: | Enable Split Weighing: | <Default Commodity>: Corn

Default Cash Price:

<Default Bin>:

Scale Port: Ethernet | IP Address: 10.100.100.252 | Port Number: 4660 | Scale Name: Scale 1

Verify Each Ticket on Direct Transfer

Read Scale Only When Capture Button Is Pressed | Read Scale Indicator Twice Before Updating

Scale Char: 2 | Scale Char Is ASCII Code | Change Color While Reading Scale

Start Char: 3 | Close Delay: 3 | Scale Read Method: Standard

Num Char: 6 | Scale Break is >= 10

End Char: 10 | End Char Is ASCII Code | Close Port on Timer Stop

Timer Interval (milliseconds): 500 | Reset Port on Counter Maxed

Min. Buffer Size: 15 | Scale Counter Override: 100000

Debug Scale | Maximum Capture Weight: 9999999

Disallow Capture of Invalid / In Motion Weights

Position of Valid Weight Flag from Start Char: 6 | Comma Delimited List of Valid Weight ASCII Codes: 76

Disallow Capture of Weight When Not in Scale Gross Mode

Position of Valid Mode Flag from Start Char: 0 | Comma Delimited List of Valid Scale Mode ASCII Codes:

Setup Weights Per Axle | List Grade Factors | Save | Cancel

When not using the ASCII code, the *Position of Valid Weight Flag from Start Char* is the same as the *Start Char*.