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# **Addendum**

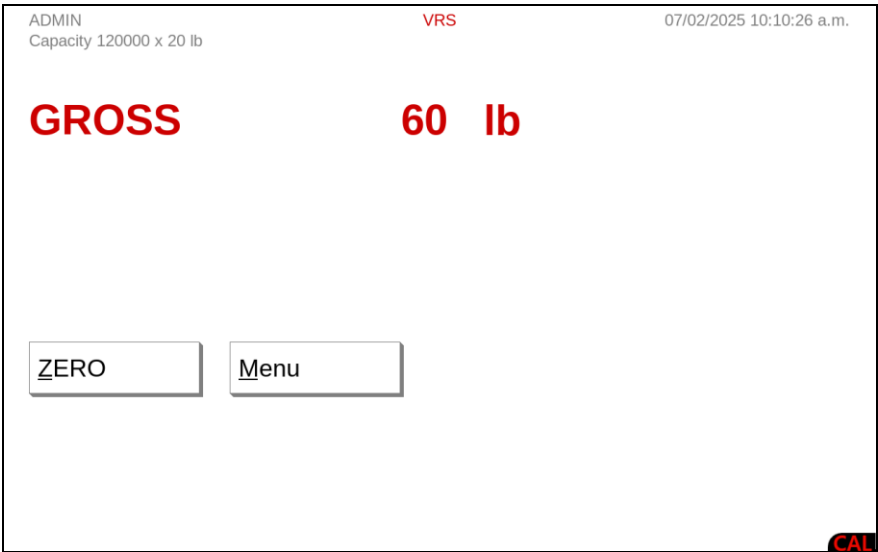
## **VRS Application**

July 2, 2025

Setup

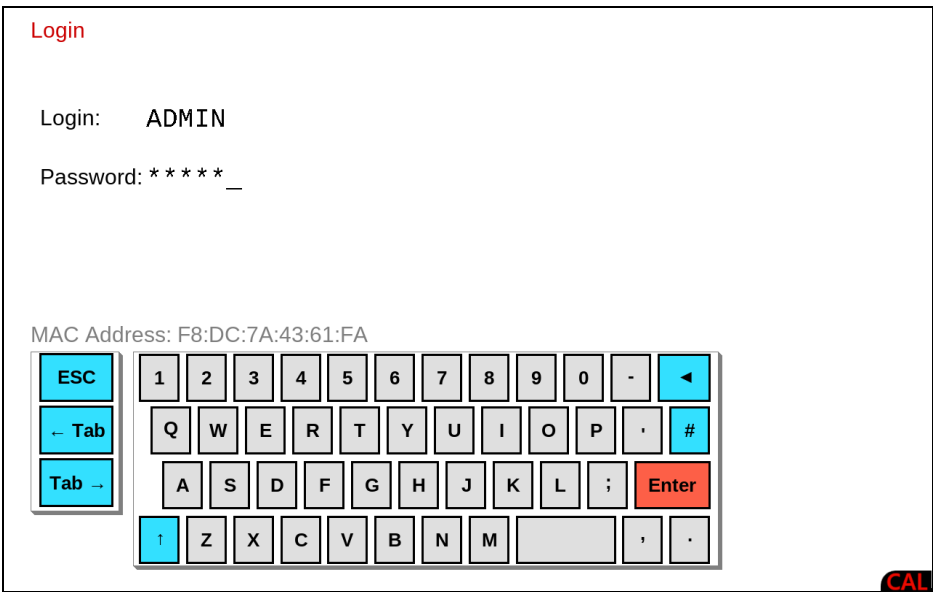
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If the scale weight is below 1500 LBS a “MENU” button and “ZERO” will be present on the main screen.

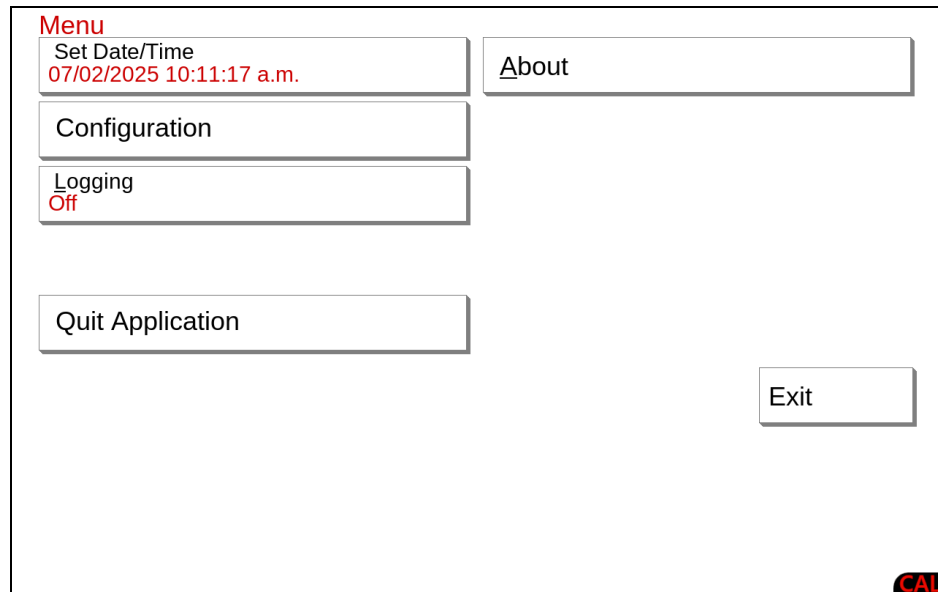


Press the “ZERO” button to zero the scale.

Press the “Menu” button for the menu. The Login screen will appear first. By default the login is ADMIN and the password is 81440. This can all be changed by editing and adding operators in the general 825 setup which is covered in the 825 manual. In order to have access to this menu a user must be assigned custom 1 access.



The menu screen will show various options.



“Set Date/Time” will allow selecting automatic date/time from the internet (if the indicator is connected via Ethernet or wifi) or manual entry of year, month, day, hour, minute and second.

“About” will show information about the app version.

“Logging” button is used to specified if and how log files will be created. The logging level can be specified “Everything”, “Alerts and Errors”, “Errors Only” or “Off”. The “Days to keep” may be specified for how long log files should be kept.

### Configure Logging

Level

Everything

Days to keep:

14

Cancel

OK

Touch level to select

CAL

Press the “Quit Application” button to exit the VRS application and return to the application menu.

## Configuration

The “Configuration” menu is used to configure various aspects of the system.

### Configuration

VRS PC Svr 10001	Scoreboard / Output 1 COM3 SB600
Local/Remote Off	Scoreboard / Output 2 Off
Weight Alarm Off	Scoreboard / Output 3 Off
Badge Reader / Printer 1 COM2 AWID and Printer	Scoreboard / Output 4 Off
Badge Reader / Printer 2 Off	
Badge Reader / Printer 3 Off	

Exit

SB 1 Opening COM3

CAL

VRS PC (choose how to connect to the PC) Either through serial or TCP/IP

Local/Remote (If you are using more than one 825 sharing the same scale)

Weight Alarm (Trigger and output to set off a hardwired alarm based off a weight value) Alarm is not standard equipment with the 825

Badge Readers / Printer. Up to three badge reader / printers may be configured.

Scoreboard / Output (Up to four Scoreboard / outputs may be setup to stream weight data to a remote display or other device)

### Local Remote

If you are only using one 825 or if additional 825 have their own scales then these options do not apply.

Your 825 can be assigned an IP address either statically or through DHCP in the network communication settings covered in the 825 manual.

If you are running two 825s sharing scale data then you need to set one up as local and the other as remote.

**Configure Local/Remote**

Mode: <b>Local</b>	Type: TCP/IP	TCP/IP Port: <b>10018</b>
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Cancel OK

Press SPACE to select local/remote mode (Rem SMA for std SMA ind local)

SB1 Opening COM3 **CAL**

Press the “Mode” button to select “Off”, “Local”, or “Remote”.

Off

**Local**

Remote

Set one indicator to “Local”. Enter the port number you would like to communicate on. Default port number should be set to 8001. In the other Indicator set the mode to “Remote” and the port to match the local. The remote indicator must have the IP address of the local indicator.

### Weight Alarm

If you have an alarm hardwired to the 825 you can enable its functionality from this screen. Select “Enable” “YES” or “NO”. Set the weight value to trigger the alarm. Default value is 80000 lbs. The board represents what DIO board you are using if you have additional DIO cards inserted into the 825. Board zero by default sends the signal out of the 825s mainboard DIO located at p16 on the board. The mask represents in HEX format what pin is toggled high when the target weight is reached. 00000001 is default and represents PIN 1. The state tells you

what the pin will do when the target weight is reached 00000001 is default and says the pin will be set to high. The duration is the amount of time that pin will remain in that state once the target weight is reached.

**Configure Weight Alarm**

Enable: NO	Mask: 00000001
Weight: 80000	State: 00000001
Board: 0	Duration: 5

Cancel OK

Enter the number of seconds for the alarm  
0 = on while over weight

SB 1 Opening COM3 **CAL**

## Scoreboard

**Configure Scoreboard / Output 1**

Mode: <b>ON</b>	Type: Serial	Port: COM3	
Baud: 9600	Parity: None	Data Bits: 8	Stop Bits: 1
Scale: 1	Interval (ms): 500	Format: SB600	

Cancel OK

Touch to select the mode

SB 1 Opening COM3 **CAL**

This option allows for wt data to be sent to a Remote display or other system. To enable the output, press the “Mode” button and select “ON”. The “Type” may be selected “Serial” (Serial

port) “TCP Client”, “TCP Server”, or “USB Serial” (USB to serial port adapter). Additional fields are present to configure the communications based on the “Type”.

The scale lets you choose which scale data is sent to the remote display if more than one scale is connected directly to the 825.

Format is set to SB500 by default and will work with the cardinal sb500 in auto learn mode. Interval is the time in milliseconds the remote display is updated.

## VRS PC

**Configure PC**

Mode: ON

Type: TCP Server

TCP/IP Port: 10001

Cancel OK

SB1 Opening COM3

CAL

Press “Mode” to select PC communication “Off” or “ON”. Press “Type” to select the communications type “Serial”, “TCP Client”, “TCP Server”, or “USB Serial”. Additional fields will be present to configure the communications based on the “Type”.

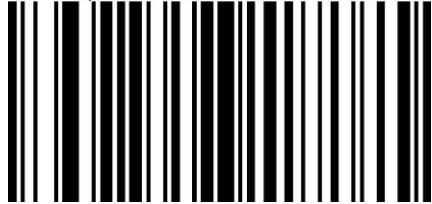
Press “Done” to complete the setup. When in the main screen PC prompting will appear on the screen. The 825 is then dependent upon your VRS PC setup as far as what prompts will appear on the 825 to complete a transaction.

### Technical Notes:

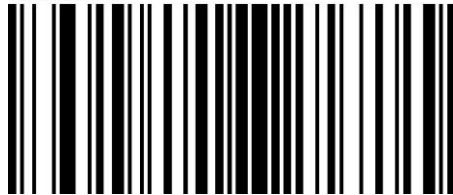


Zebra DS457 Barcode Scanner – The scanner must be configured to send the ENTER character after each scan. To configure the scanner for ENTER key suffix scan the following three bar codes from top to bottom.

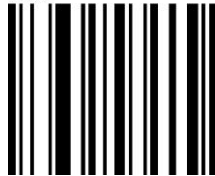
Scan Options



Data Suffix



Enter



In 825 Gen2 VRS app set "Reader Type" as "Generic".

**Refer to the 825 Weight Indicator Operation Manual for Calibration and basic operation instructions.**