

C3 Series



**rinstrum**  
SMART WEIGHING SOLUTIONS



**C320**

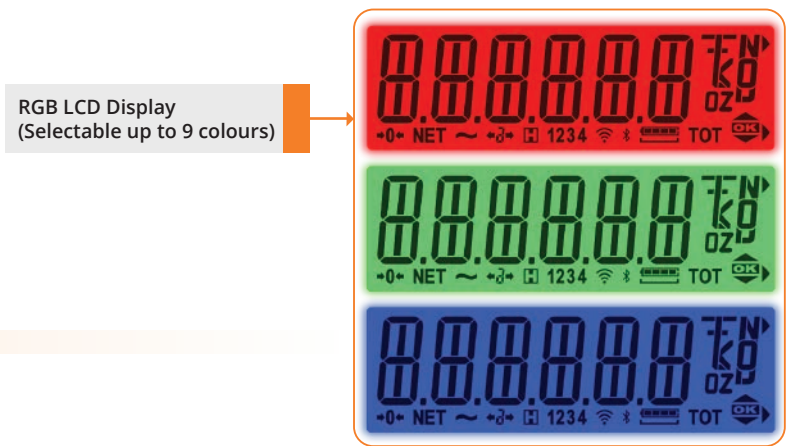
## C320 panel mount and full housing indicators

- 20mm (0.8in) LCD display with backlight
- RGB backlight to make check weighing easy
- 9 segment display for improved readability
- rinLINK connector
- Panel mount version combines with a range of accessories to mix and match
- Wide DC operation (5-24V) ideal for onboard vehicle apps or portable (battery powered) applications



## Flush polyester overlay with mechanical keys

- No membrane keys to wear out
- Easy to keep clean
- Fully sealed
- Durable chemical resistance
- High UV resistance



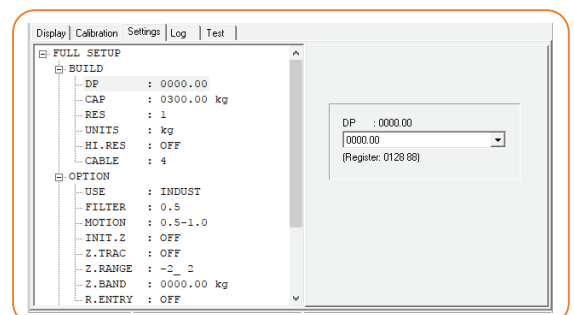
## Firmware applications

- Custom printing
- Accumulation
- Counting
- Checkweighing
- Manual hold, peak hold, medical and livestock filtering
- Mimic/ remote display
- Advanced setpointing including latching outputs

## viewC3 for fast, simple indicator setup via a PC

viewC3 is PC software that displays the complete menu structure of the indicator with convenient drop down menus for setting selection. Use viewC3 to:

- Enter custom print strings using the PC.
- Setup the indicator and save the configuration and calibration for maintenance purposes or load the RIS file onto multiple indicators.
- Create a real time graph from the log that is ideal for diagnostics.

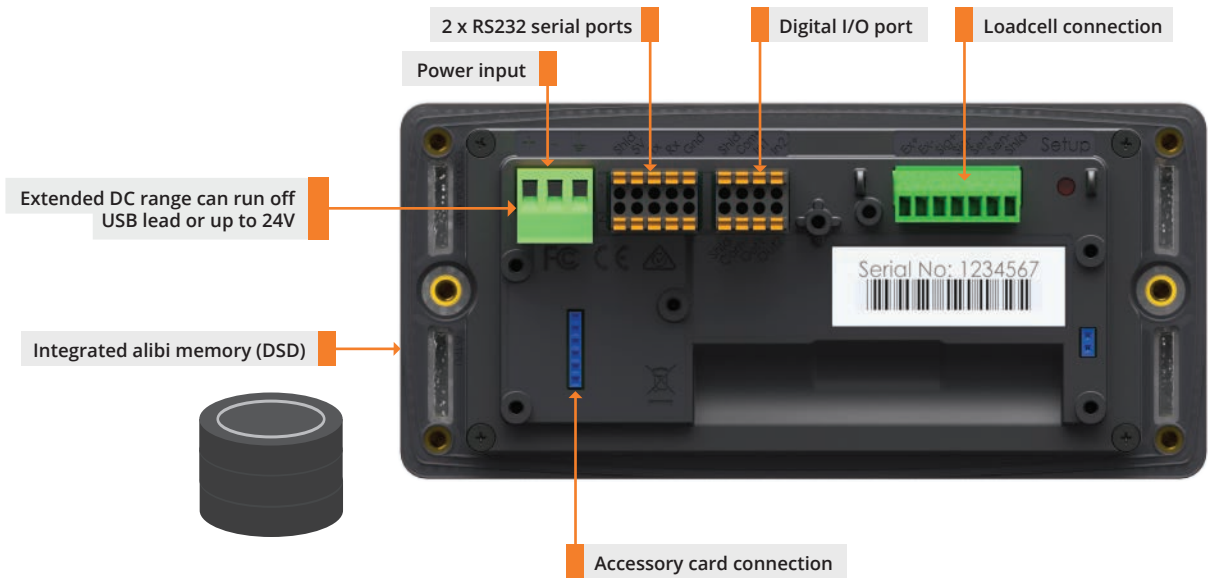


## rinLINK for establishing a temporary connection to a PC

The rinLINK provides an isolated optical serial connection directly on the front of the indicator to be used for downloading new firmware or connecting to the PC running the Viewer for indicator configuration. It is magnetically coupled for easy access saving time and effort.



C320 rear



Built-in

- Two RS232 bidirectional serial ports independently configurable for network, printing or remote display functions
- Two digital inputs and two high-side digital outputs that are electrically isolated. Outputs are capable of driving low voltage DC actuators directly
- Non-volatile memory storage for all operator parameters (eg: zero, tare, pieceweight etc.)
- Realtime clock calendar
- Integrated alibi memory (DSD)
- RGB backlight for setpoint and checkweigh applications

Accessory cards

Communications cards

In addition to the two built in RS232 ports, a third serial port can be added to extend the connectivity. This serial port can be 20mA current loop, RS232, or RS485.

Analogue Output Card

The analogue output card can be used to extend the capability of the C3 for industrial control environments.

- Analogue output 4-20mA, 0-10V, isolated 16 bit output

Indicator with Analogue Output Card fitted



rinPRINT - Rinstrum's custom print wizard

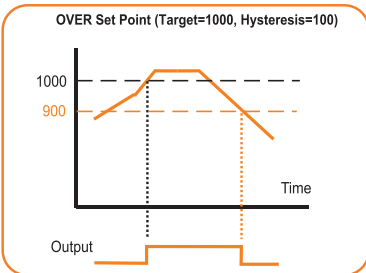
With rinPRINT you set the print width, then drag and drop the print tokens into the editor pane to create a custom print configuration. Add your own text descriptions and format the layout and spacing by moving the field around in the editor pane. The data displayed is the live data from the indicator. rinPRINT makes creating custom print dockets easy.



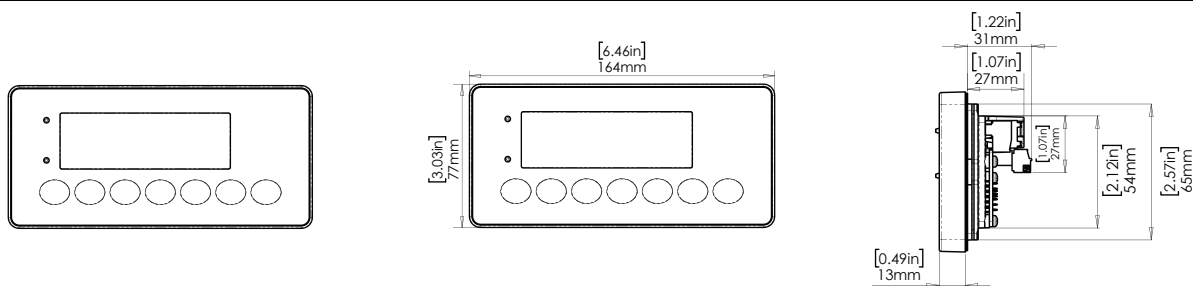
Advanced setpoints

The C3 instruments support up to 8 setpoints with setpoints 1 and 2 linked to the onboard digital outputs. Setpoint status can be used to drive the onboard outputs directly, sound the buzzer, change display backlight colour, or can be transferred to external control systems using Modbus RTU or through field bus expansion.

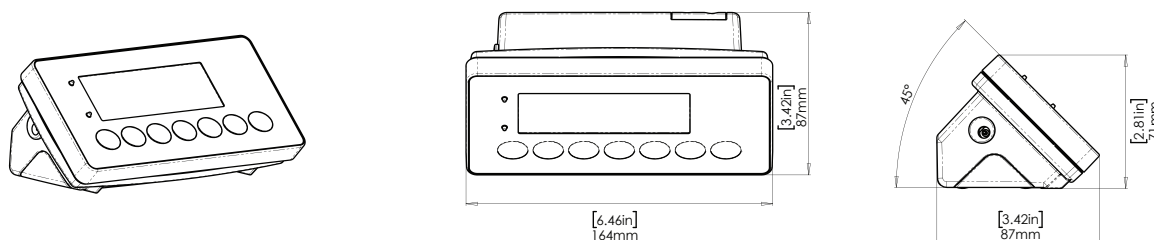
Setpoint outputs can be latched and reset from remote inputs or external control.



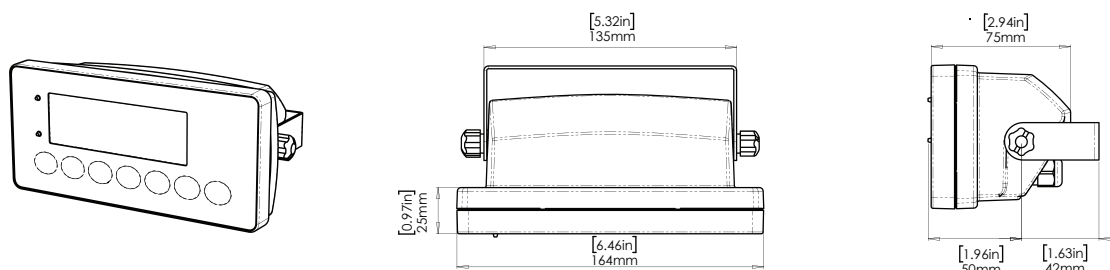
### C320 Panel Mount



### C320-G with AA Battery Boot, Desk Stand and Plug Pack



### C320-H with Fully Sealed Boot, Plug Pack and Stainless Steel Bracket



Local Dealer



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