R323

rinstrum
SMART WEIGHING SOLUTIONS

R323 Waterproof Stainless Steel Indicator

- AC, DC options
- 20mm (0.8in) LCD display with LED backlight
- IP67 rated housing
- Trade Approved Australia/Europe/USA
- Connectors for simplified install
- rinLINK connector
- Wide DC operation (7-24V)
- All in one bracket for wall, desk and pole mounting
- Passivated 304 stainless steel housing for improved corrosion resistance

Magnetically Coupled rinLINK

Unit Switching

Connectors for simplified installation

- M12 connectors for communications and I/O
- 3 pin AC or DC power connector
- M12 load cell connector
- No need to open the indicator
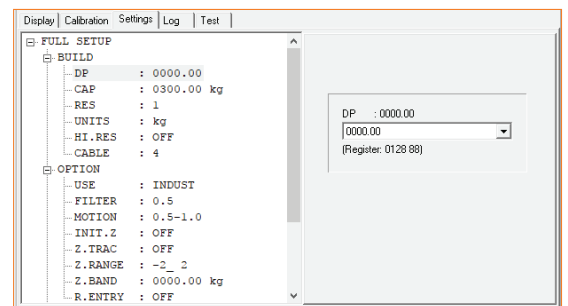 - maintain the IP67 water proof sealing

Drop in replacement for legacy systems

Serial outputs are fully customisable to allow emulation of most common indicator brands. In addition the SIMPLE network protocol emulations allow the indicator to respond to common simple ASCII key press commands enabling the indicator to be used as a drop in replacement in legacy systems.

View300 for fast simple Indicator setup via a PC

View300 is PC software that displays the complete menu structure of the indicator with convenient drop down menus for setting selection. Use View 300 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. It is magnetically coupled for easy access in situ for updates/setup of the indicator, saving the installer time and effort.

The rinLINK can be used to download new firmware or provide the connection to the PC running Viewer for indicator configuration.

Magnetically coupled rinLINK

R323 Serial port · **AC Power** · **DC Power** · **IP67 Stainless steel housing**

Digital out

Loadcell

All in one bracket

Serial Port
Digital Out
Loadcell In

Power in Connections

Power input: 12-24VDC
~0.6A 50-60Hz

Model No: R323
Serial No:
123456789

N2708 FC CE

Firmware Features

The R323 supports a range of firmware options from basic weight display through to set points and custom printing. All the firmware is onboard, allowing for even easier upgrade in the field.

K342	K344	K346	K354	K356
• Manual hold	• Simple printing	• Simple printing	• Custom Printing	• Custom Printing
	• RS232 automatic transmit, network or printer outputs	• RS232 automatic transmit, network or printer outputs	• RS232 automatic transmit, network or printer outputs	• RS232 automatic transmit, network or printer outputs
	• Manual hold	• Manual hold	• Unit switching, counting, manual hold, peak hold, totalizing, high resolution, auto tare, display test functions	• Unit switching, counting, manual hold, peak hold, totalizing, high resolution, auto tare, display test functions
	• 1 input	• 1 input and 2 outputs		
		• 2 basic set points	• One assignable function key	• One assignable function key
			• 1 input and 2 outputs	• 1 input and 2 outputs
			• 2 basic set points	• 2 advanced set points

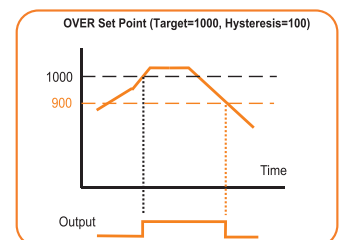## Fully Featured Custom Printing in K354/K356

The K354/K356 firmware offers a clock calendar, RS232 and fully featured custom printing.

- The built in RS232 communications port is 15kV static protected.
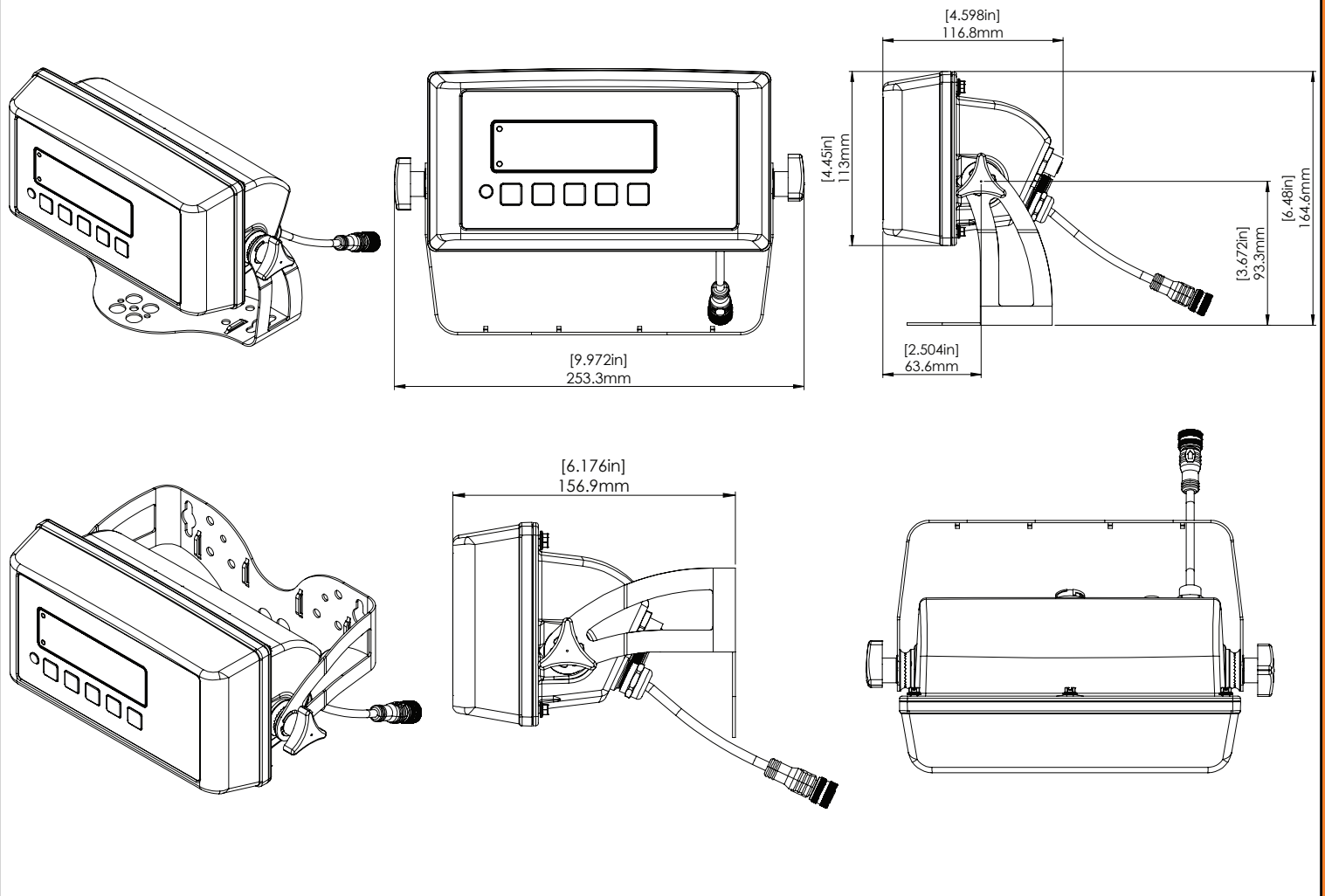- Configurable printing combined with the clock calendar allow for traceable dockets to be printed.

Advanced Set Points in K356

The instrument is capable of working with two advanced internal set points; the status of which is displayed on the LCD. Each can be associated with a physical output driver or simply used as an indicator.

- OVER/UNDER: The output is turned on when the source weight is over/under the target value and turned off otherwise.
- Output to follow status (ON/MOTION/ZERO/NET/ERROR)

OVER Set Point (Target=1000, Hysteresis=100)

1000
900

Time

Output

R323 Stainless Steel Full Housing

[4.598in]
116.8mm

[4.45in]
113mm

[9.972in]
253.3mm

[2.504in]
63.6mm

[3.672in]
93.3mm

[6.48in]
164.6mm

[6.176in]
156.9mm

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AUSTRALIA

Rinstrum Pty Ltd
41 Success Street
Acacia Ridge 4110
Australia

Ph: +61 7 3216 7166
Fax: +61 7 3216 6211
Email: sales@rinstrum.com

USA

Rinstrum Inc
1349 Piedmont Drive
Troy, Michigan 48083
United States

Toll Free 1 877 829 9152
Ph: +1 248 680 0320
Fax: +1 248 499 1331
Email: sales.usa@rinstrum.com

EUROPE

Rinstrum Europe GmbH
Hans-Böckler-Straße 42
D-40764 Langenfeld
Germany

Ph: +49 (0)2173 165162-10
Fax:+49 (0)2173 165162-29
Email: sales.eu@rinstrum.com