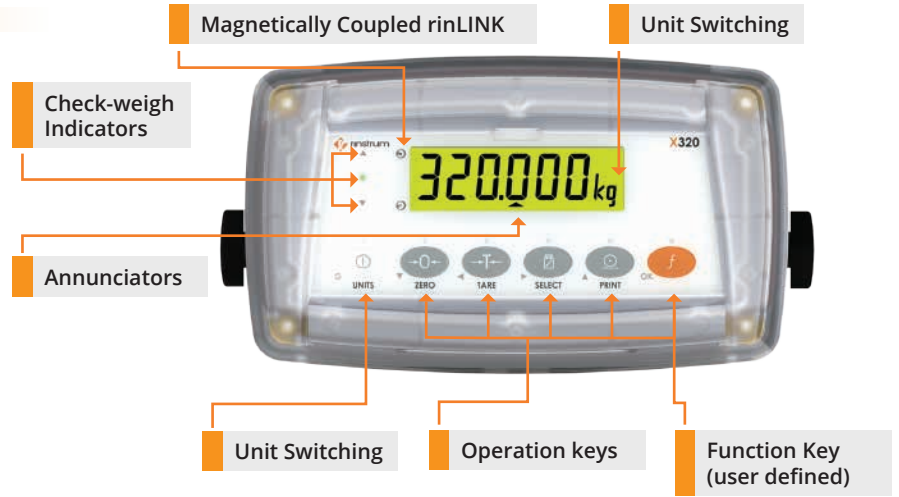# X320

rinstrum
SMART WEIGHING SOLUTIONS

X320 High-impact Washdown Indicator

- Tough enclosure
- IP68 and IP69K rated housing full wash-down
- 20mm (0.8in) LCD display with LED backlight
- Trade Approved Australia/Europe/USA
- AC, DC and rechargeable NiMH battery options
- Built-in RS232 communications port
- Programmable function key
- All in one bracket for wall, desk and pole mounting
- Built-in check weigh function

Magnetically Coupled rinLINK

Unit Switching

Check-weigh Indicators

Annunciators

Unit Switching

Operation keys

Function Key (user defined)

Exceptional Housing Construction – Sealed and Tough

- Double O-ring to seal the outer housing
- Single piece front panel to protect the display and avoid leaks
- Capacitive keys with no moving parts
- No glued membrane to fail
- No traditional keypad to damage
- No external parts using adhesive
- Sturdy design with enhanced wall strength

Constructed of a High Tech Plastic Alloy

- Food grade
- Chemical resistant
- Temperature and UV resistant
- Impact resistant – Drop test, Hammer

The use of a capacitive keyboard allows the front panel to be constructed as a single piece. The X320 keypad senses an operator's finger, whether gloved or not, from the inside of the enclosure. There are no moving parts to wear out, no glue to deteriorate and no keypad tails to fail due to vibration or corrosion. The strength of the single front fascia increases the durability of the instrument, protecting the LCD and electronics from external impacts.

An IP68 & IP69K approved housing

| IP68 PASS REQUIREMENTS	IP69K PASS REQUIREMENTS
First Digit IP6_ Test:	
8 Hours in a dust chamber with a vacuum hose attached to the housing to try and draw dust into the unit	
Second digit IP _8 Test:	**Second digit IP_9K Test:**
1 hour of submersion under 2 metres of water no ingress of moisture	Unit is protected against ingress/damage during high pressure steam cleaning. Hot water sprayed against the housing from every direction at very high pressure must not cause damage (only applies to din 40050 part 9 testing)

2 kPa Vacuum - 8 hrs   *10,000 kPa - 80 °C*

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

AC Power

DC Power

IP68 & IP69K rated rugged housing

Loadcell

All in one bracket
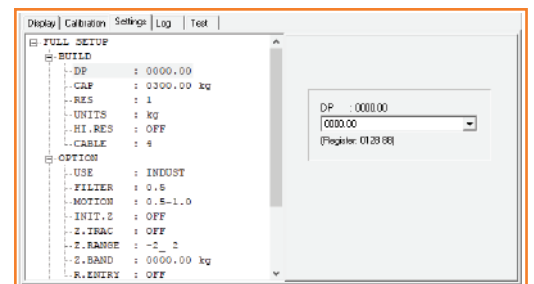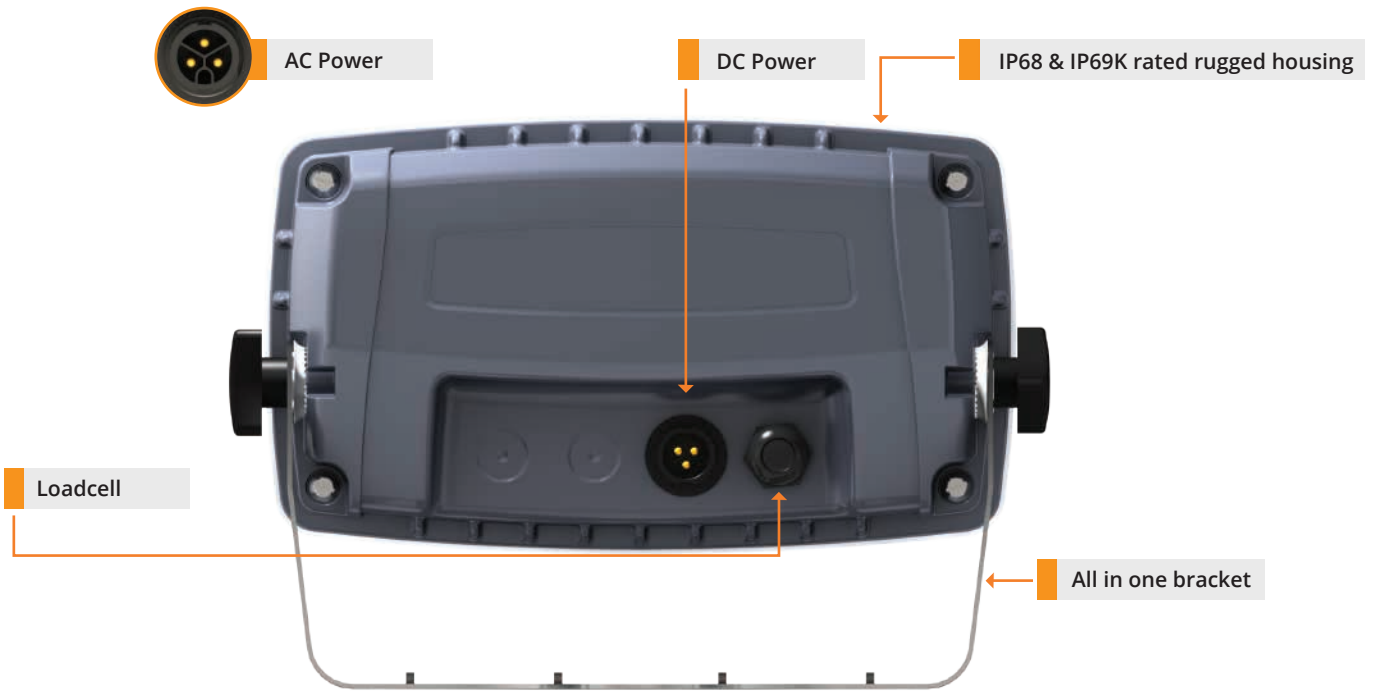
rinLINK for establishing a temporary connection to a PC

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

Firmware Features

The X320 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.

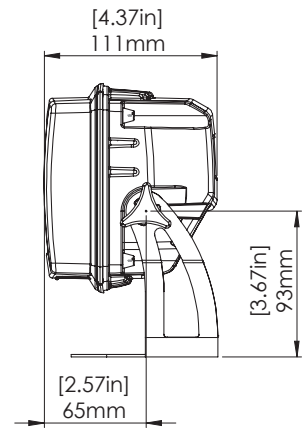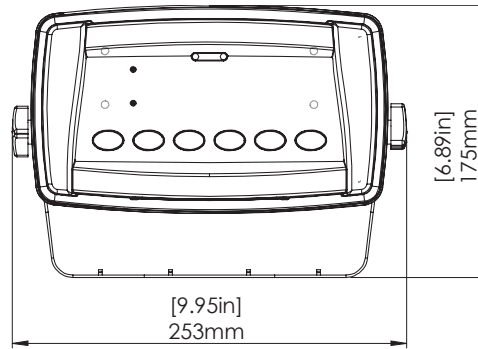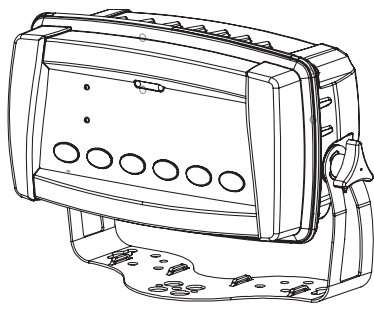| K376	K378
● RS232 automatic transmit, network or printer outputs	● RS232 automatic transmit, network or printer outputs
● Programmable function key	● Fixed to Check weighing (5 products)
● Check weighing	
● Counting	
● Unit switching	
● Manual and Peak hold	
● Totalizing	
● Auto tare	
● Live Weight	

Isolated outputs

● Over, Under, Pass
● High side driver up to 400 mA, allowing direct connection to PLCs and external actuators to be driven directly
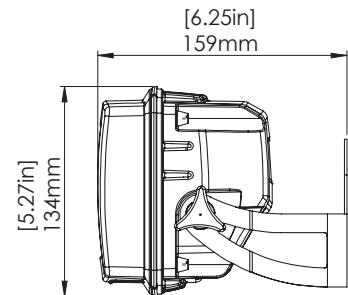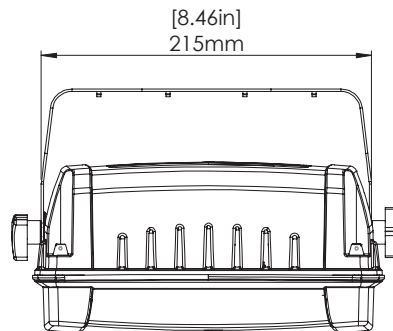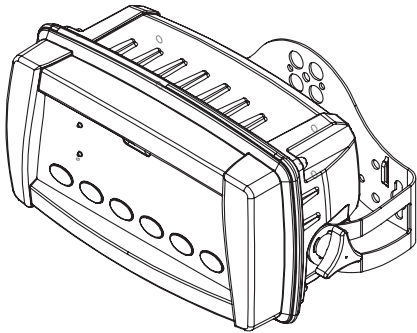
Check Weighing

● Enable/Disable function
● Choose to check on Displayed/Gross and Net weight
● Enter Over weight and Under weight
● Three coloured lights
● Annunciators on LCD
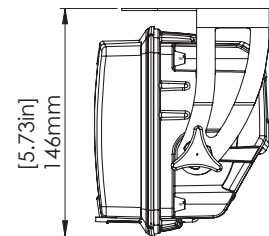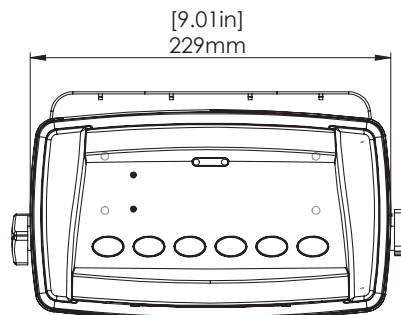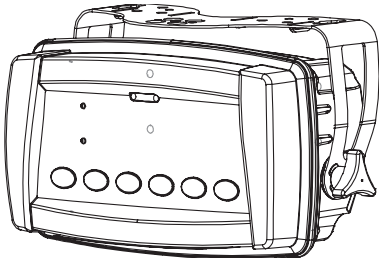● Three outputs for external connections
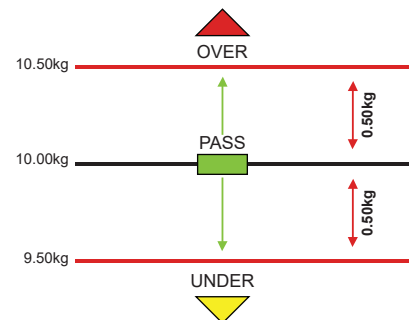
X320 Desk Mount / Post Mount

[4.37in]
111mm

[6.89in]
175mm

[9.95in]
253mm

[3.67in]
93mm

[2.57in]
65mm

X320 Wall Mount

[8.46in]
215mm

[6.25in]
159mm

[5.27in]
134mm

X320 Under Shelf Mount

[9.01in]
229mm

[5.73in]
146mm

rinstrum
SMART WEIGHING SOLUTIONS

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