

C500
Series



rinstrum
SMART WEIGHING SOLUTIONS



Rinstrum C500 Series bringing together 25 years of smart weighing

The C500 Series is Rinstrum's latest industrial process controllers, equipped with modern interfaces, increased accuracy and user programmability. The C500 Series is the culmination of 25 years of weighing design experience.

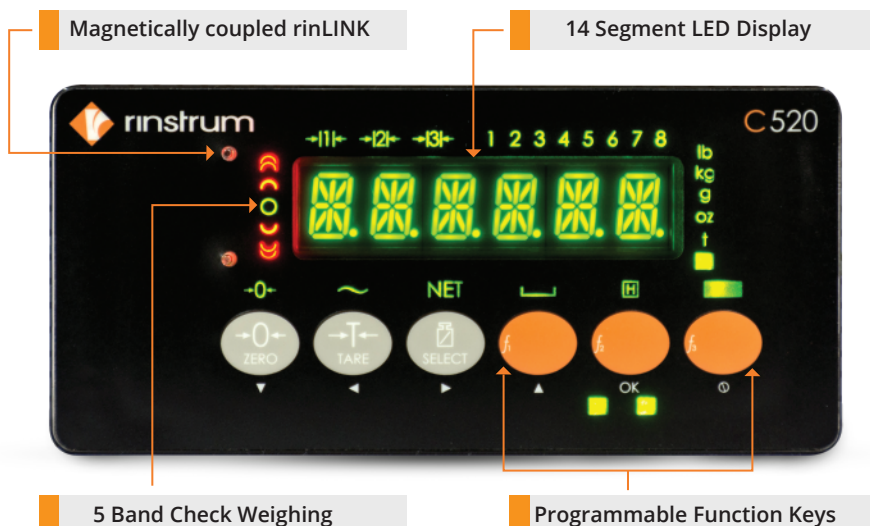
Three versions are available:


- C520, panel mounted with a 14 segment LED Display and 6 keys
- C523, housed in a IP67 stainless steel enclosure
- C530, no display, optimized for din rail mounting for use with HMI



Features

- Compact ½ DIN standard housing
- 10,000d @ 0.5 µV/d OIML R76
- European WELMEC compliant legal for trade data storage
- Embedded Linux Operating System
- Lua Programmability
- Modbus ASCII, RTU, TCP/IP
- Global Technical support using Ethernet or RinLINK cable





C500 Packages

[View Syslog](#)

rinLIB-C500 version 2.2.0

Search...

Modules

- rinApp
- rinLibrary.Device.Analog
- rinLibrary.Device.Buzz
- rinLibrary.Device.Command
- rinLibrary.Device.Dialog
- rinLibrary.Device.FSM
- rinLibrary.Device.Keys
- rinLibrary.Device.LCD
- rinLibrary.Device.Passcode

List of installed packages

Software	Version	Operation
C500-K501	1.0.3	Uninstall
L000-502-M07	1.0.9	Uninstall

rinLIB-C500: API for programming the C500 in Lua

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This reference is correct for library version 2.2.0 only.
If you do not know where to begin, please start with the [Introduction](#).

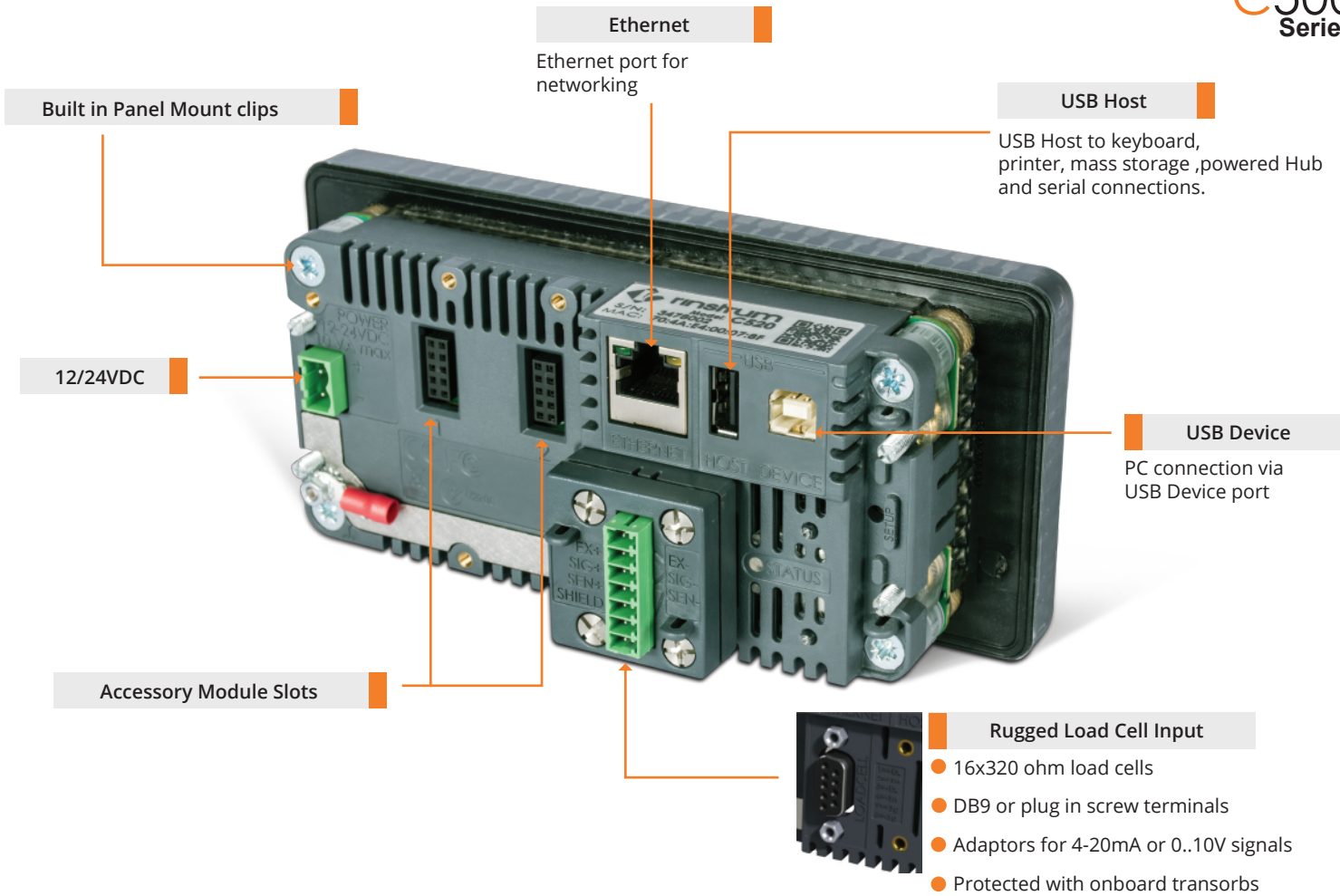
Modules

rinApp	Module manager for L401
rinLibrary.Device.Analog	Analogue Functions.
rinLibrary.Device.Buzz	Buzzer Handling.
rinLibrary.Device.Command	Library for High level command support.
rinLibrary.Device.Dialog	Dialog Control.
rinLibrary.Device.FSM	Finite State Machine Infrastructure.
rinLibrary.Device.Keys	Key Handling.

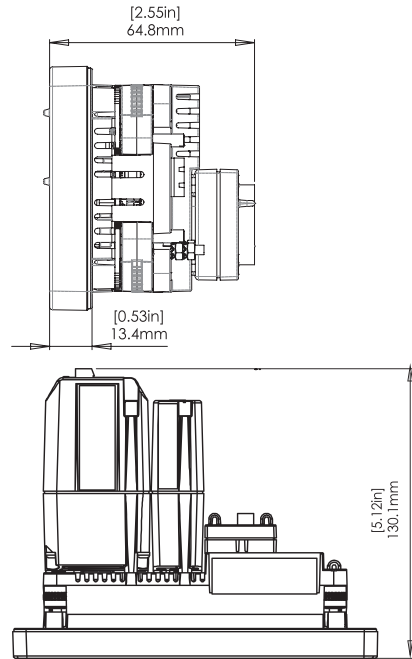
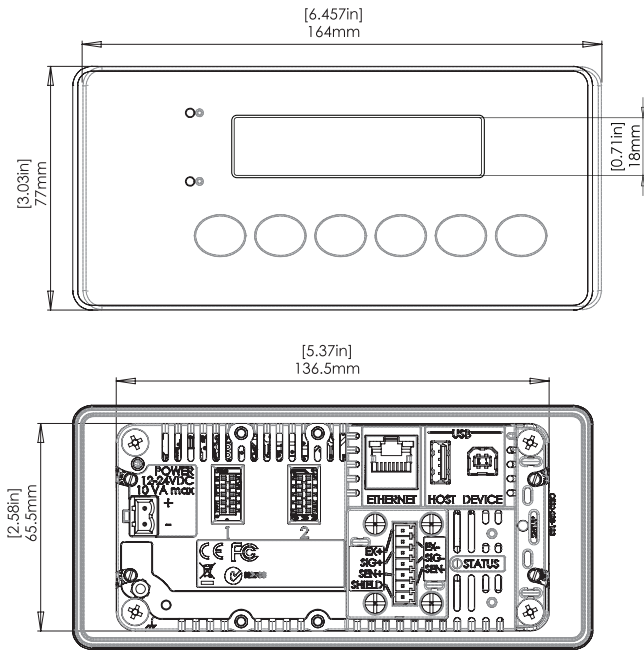
Lua Programmability



- Enhance the functionality by installing a range of application packages.
- Open source library and comprehensive API enable you to write your own applications or engage Rinstrum to write them for you through our fixed price Lua MAX programme.
- Use the embedded web server to create browser based user interfaces.

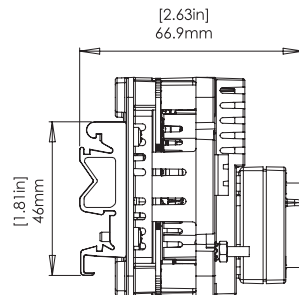
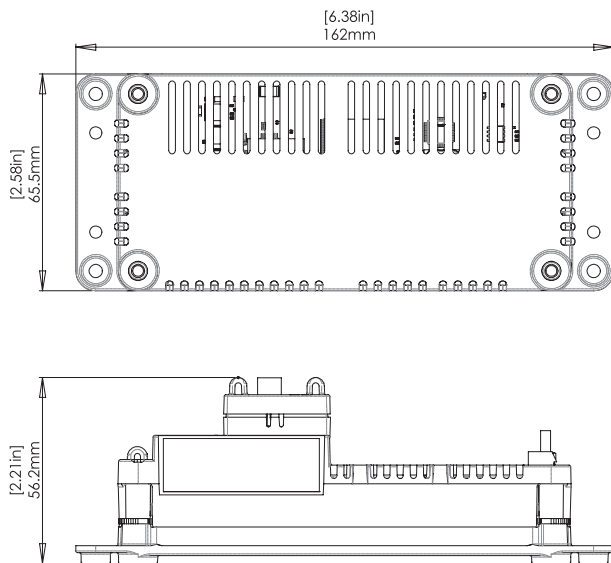


RS232/ RS232 Module	RS485/RS485 Module	AC Module	Analog Output	Isolated I/O Module
<ul style="list-style-type: none"> Electrically isolated RS232 serial communication 	<ul style="list-style-type: none"> Electrically isolated RS485 networking 	<ul style="list-style-type: none"> 110-240 VAC in 12 VDC out 	<ul style="list-style-type: none"> 4-20mA or 0-10V analog output Electrically Isolated Fast 400Hz... 	<ul style="list-style-type: none"> Configure as Input or Output Status LEDs Outputs – high current DC, drives 400mA Active high I/O for direct connection to control systems



With AC Module and Analogue Module Fitted

C530



With DIN-Rail Mounting Clips

**AUSTRALIA**

Rinstrum Pty Ltd
41 Success Street
Acacia Ridge
Brisbane 4110
QLD
Australia

Ph: + 61 7 3216 7166
Fax: + 61 7 3216 6211
Email Sales: 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
Darmstädter Str. 72-76
D-64354 Reinheim

Ph: 49(0)6162 91 65 6-0
Fax: 49(0)6162 91 65 6-29
Email: sales.eu@rinstrum.com