

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.

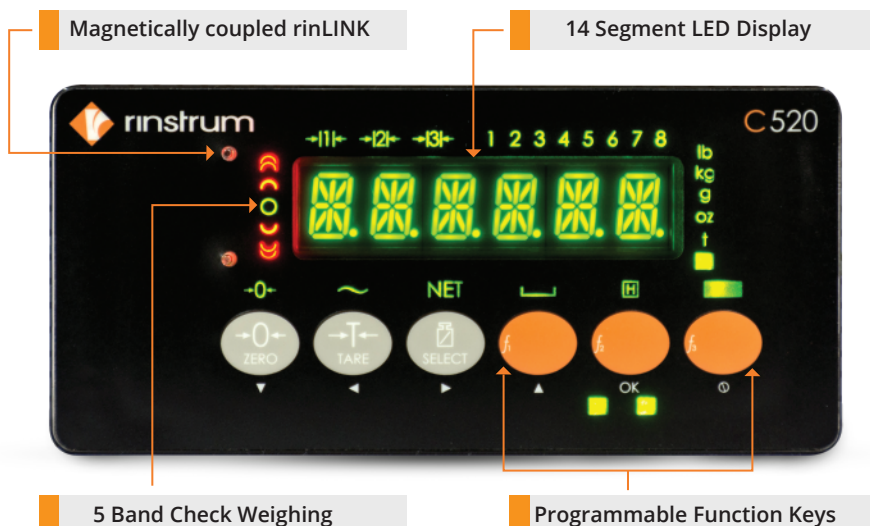
## Three versions are available:


- 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	<a href="#">Uninstall</a>
L000-502-M07	1.0.9	<a href="#">Uninstall</a>

**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](#).

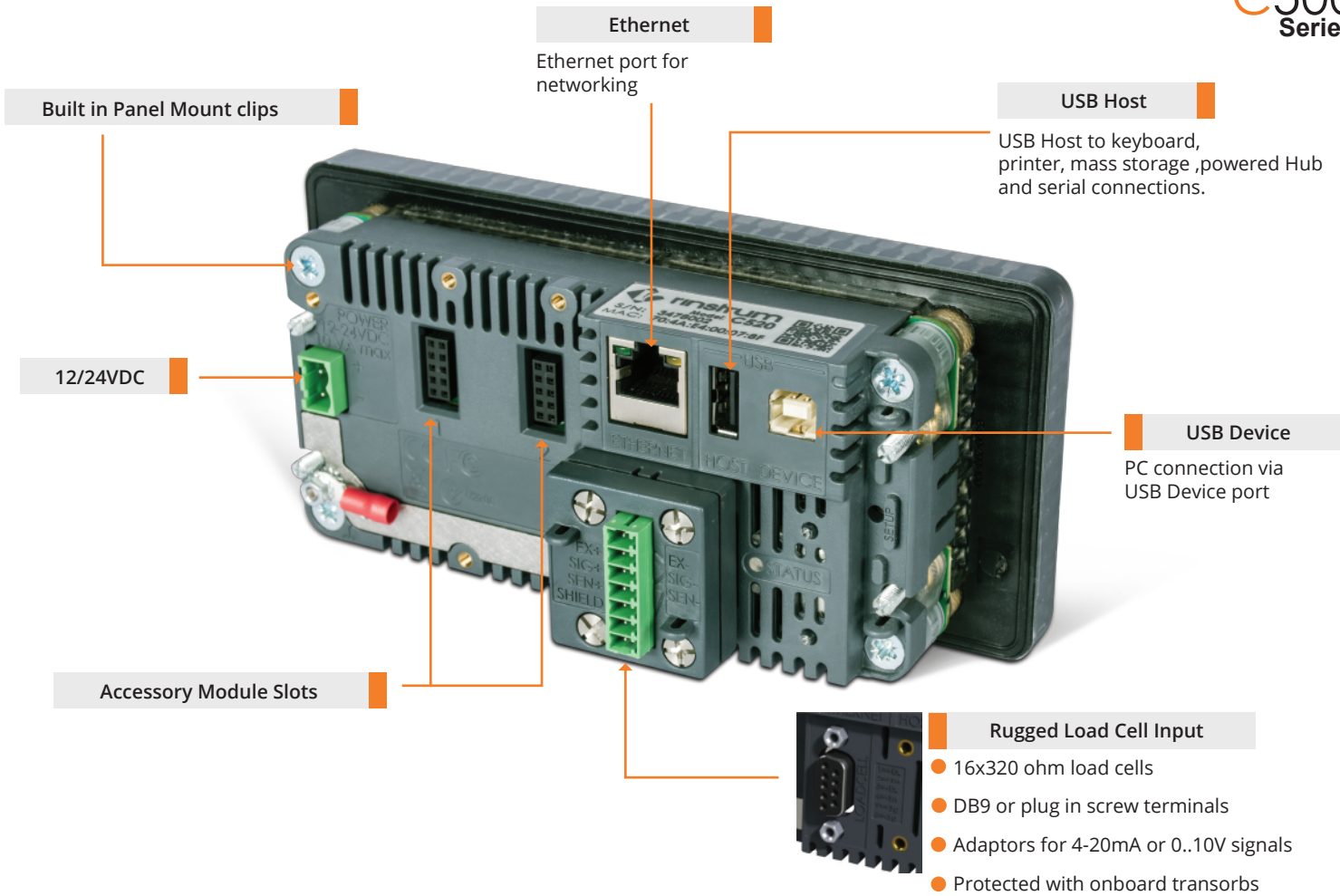
**Modules**

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.

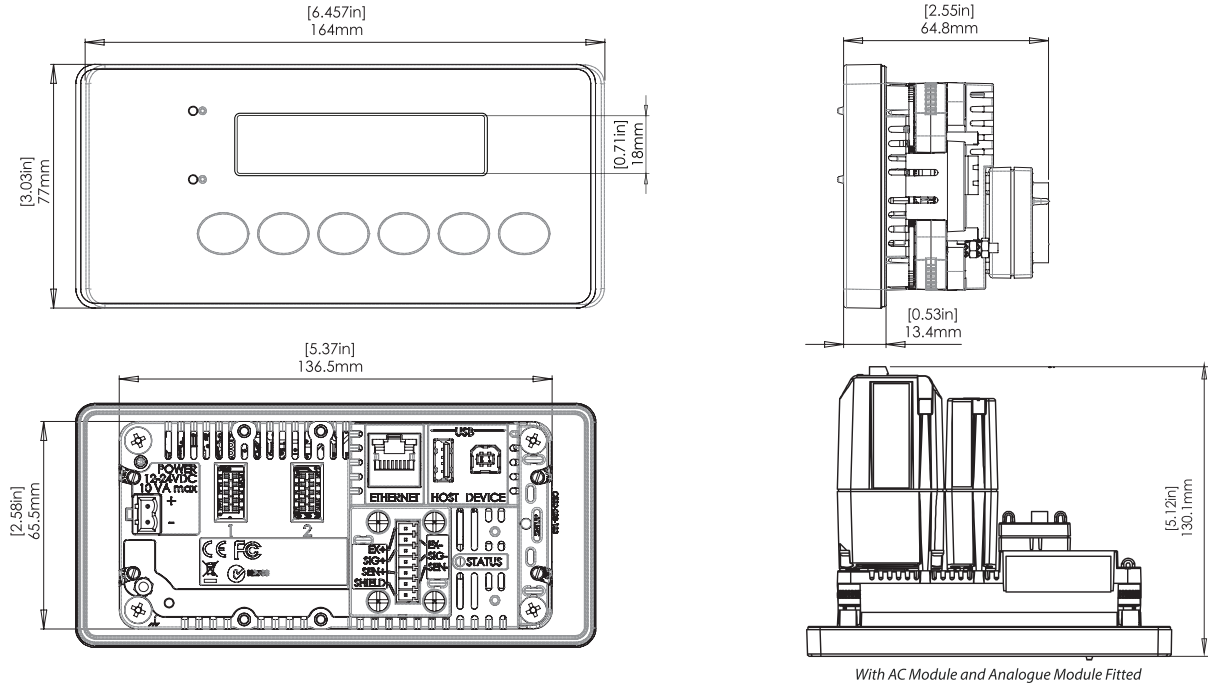
## Lua Programmability



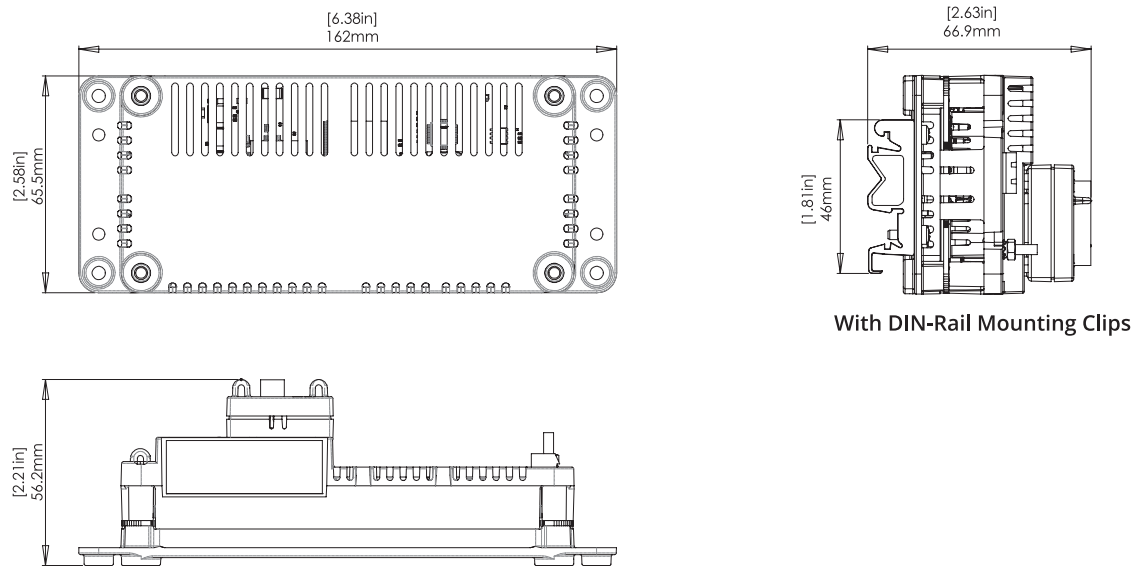
- Enhance the functionality by installing a range of application packages.
- Open source library and comprehensive API enable you to write your own applications or engage Rinstrum to write them for you through our fixed price Lua MAX programme.
- Use the embedded web server to create browser based user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



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



C530



**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