

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.

## Models:


- C520, panel mounted with a 14 segment LED display and 6 keys
- C530, no display, optimized for DIN rail mounting for use with HMI



## Features

- Compact 1/2 DIN standard housing
- 10,000d @ 0.5 µ V/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

**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 version 2.2.0**

**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.

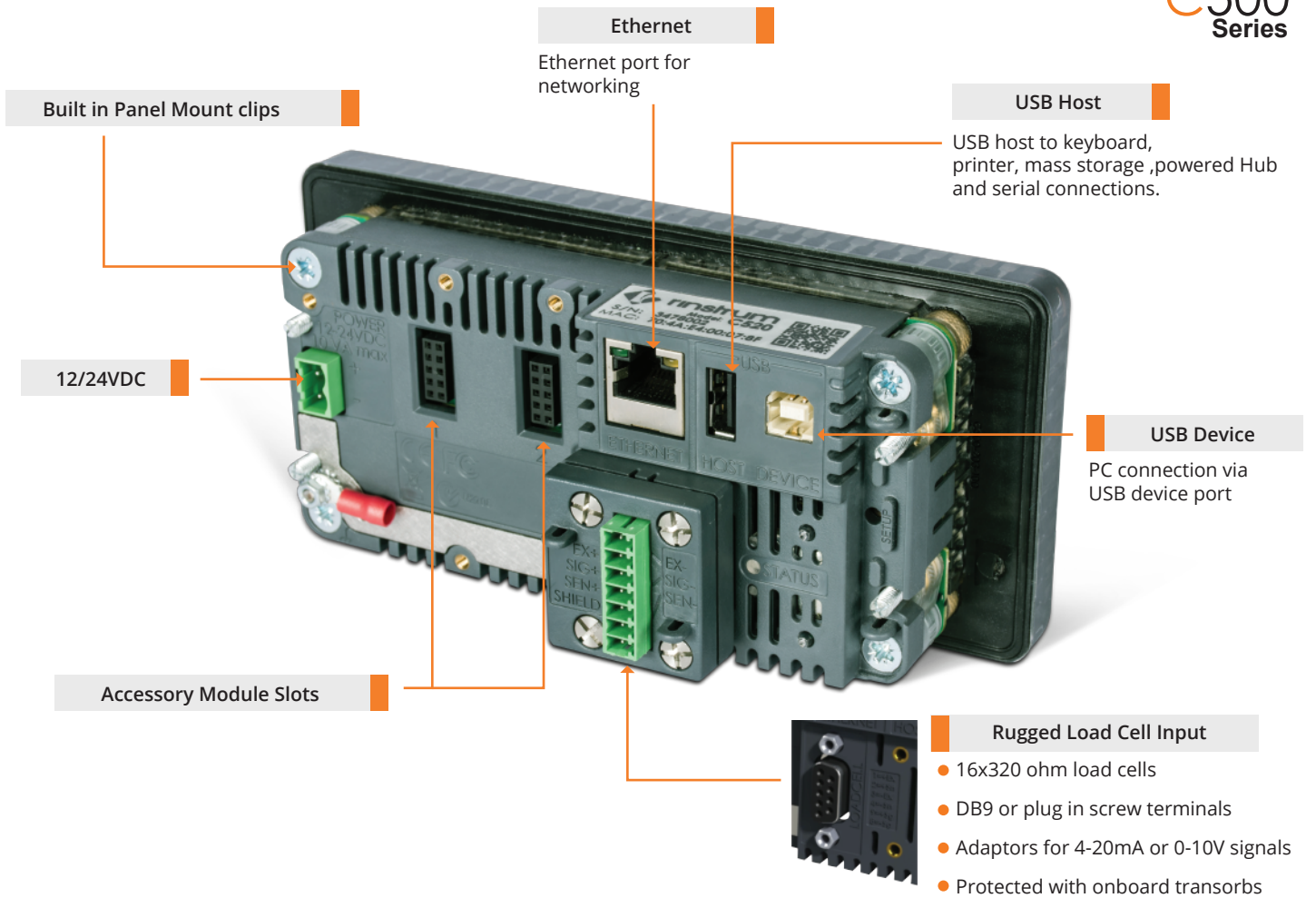
**Modules**

Module	Description
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

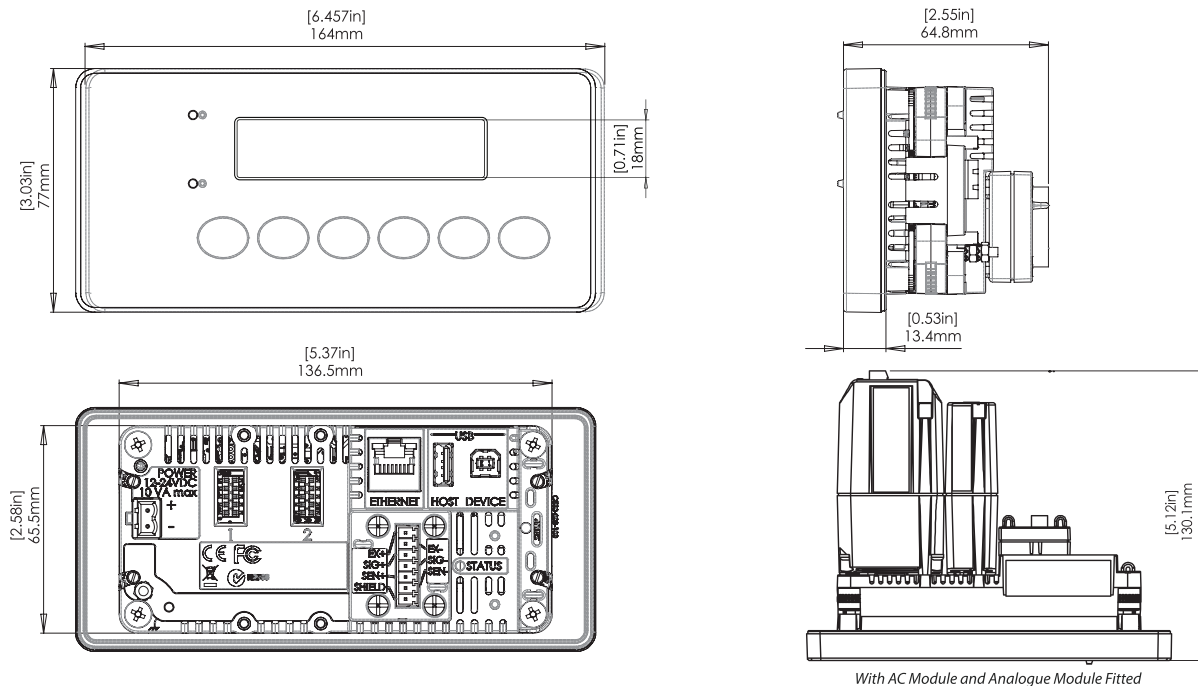


- Built in embedded Lua scripting.
- Enhance the functionality by installing a range of application packages.
- Open source library and comprehensive API enable you to write your own applications or engage Rinstrum to write them for you through our fixed price Lua MAX programme.
- Use the embeded web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

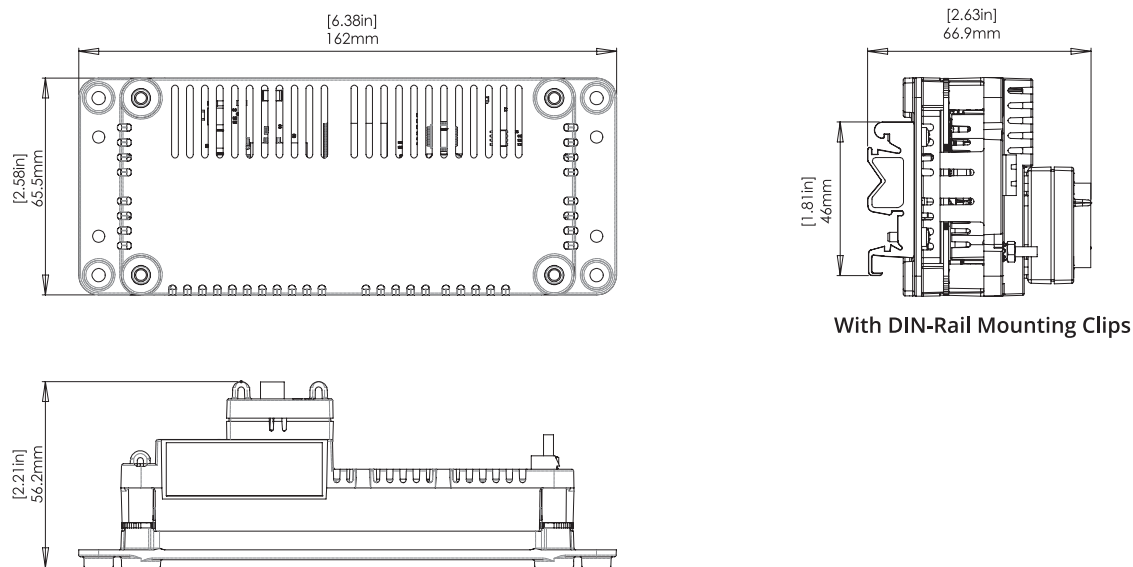


RS232/ RS232 Module	RS485/RS485 Module	AC Module	Analog Output	I/O Module
<ul style="list-style-type: none"> <li>• Electrically isolated RS232 serial communication</li> <li>• Status LEDs</li> </ul>	<ul style="list-style-type: none"> <li>• Electrically isolated RS485 networking</li> <li>• Status LEDs</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 update</li> <li>• 2 I/O</li> </ul>	<ul style="list-style-type: none"> <li>• 8 I/O Configure as input or output</li> <li>• Electrically isolated</li> <li>• Status LEDs</li> <li>• Outputs – high current DC</li> <li>• Active high I/O</li> </ul>

C520



C530



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