

# PIMotionMaster

RACK WITH PROCESSOR AND INTERFACE MODULE FOR MODULAR MULTIAXIS CONTROLLER SYSTEM



## C-885

- + Easy configuration and start-up
- + Modular design for versatile expansion
- + Efficient communication with the controller modules
- + Greatly reduced wiring effort
- + Saves space and costs

### Easy installation

Plug- and- Play installation of the controller modules in the C-885 PIMotionMaster. The processor and interface module communicates with the PIMikroMove software and with the controller modules. It detects the available controller module type automatically. Grouping the controller modules in one case ensures internal communication and reduces the wiring effort because of the common power source and external communication via a single USB or Ethernet interface

### Easy to expand

The system is easily scalable. An addition controller module can be inserted into any free slot and expands the entire system by the corresponding functions. Optional digital inputs and outputs can be installed for every controller module

### Specifications

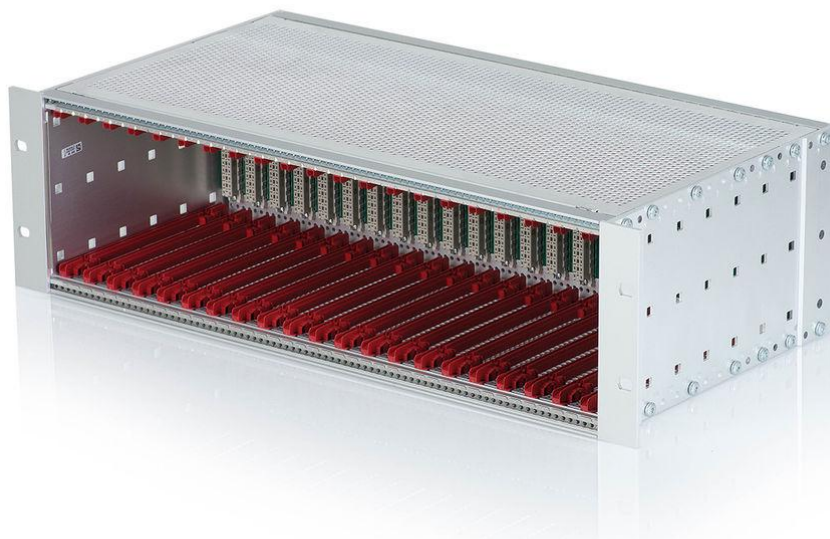
	C-885.R1	C-885.R2	Unit
Function	9.5" case for C-885 PIMotionMaster modular multiaxis controller system	19" case for C-885 PIMotionMaster modular multiaxis controller system	
Number of card slots	1 digital processor and interface module (required) 4 controller modules (max.)	1 digital processor and interface module (required) 20 controller modules (max.)	
Dimensions	269.04 × 133.14 × 349.5 (including handles)	Without modules: 482.6 × 132.55 × 265.3 With modules: 482.6 × 132.55 × 278.55	mm
Operating voltage	24 VDC from external power supply	24 VDC from external power supply	
Current consumption, max.	32	32	A
Mass	3200	2900	g
Operating temperature range	10 to 40	10 to 40	°C

	C-885.M1	Unit
Function	Digital processor and interface module for C-885 PIMotionMaster modular multiaxis controller system	
<b>Interfaces and operation</b>		
Interface / communication	Ethernet, USB	
Command set	PI General Command Set (GCS)	
User software	PIMikroMove	
Software drivers	LabVIEW drivers, dynamic libraries for Windows and Linux	
Advertisements	LEDs for Power, Error	
<b>Miscellaneous</b>		
Operating temperature range	10 to 40	°C
Mass	132	g
Dimensions	186.42 × 128.4 (3 RU) × 19.98 (4 HP)	

9,5"- Rack  
C-885.R1

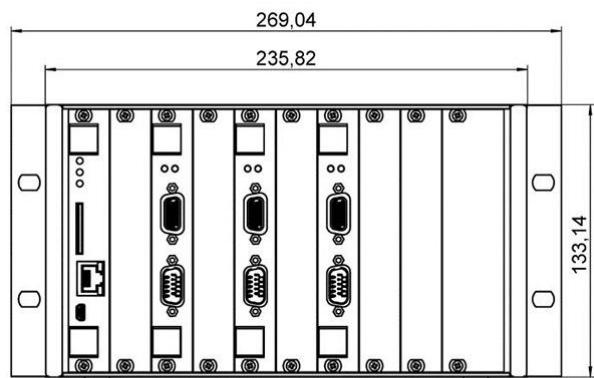


19"- Rack  
C-885.R2

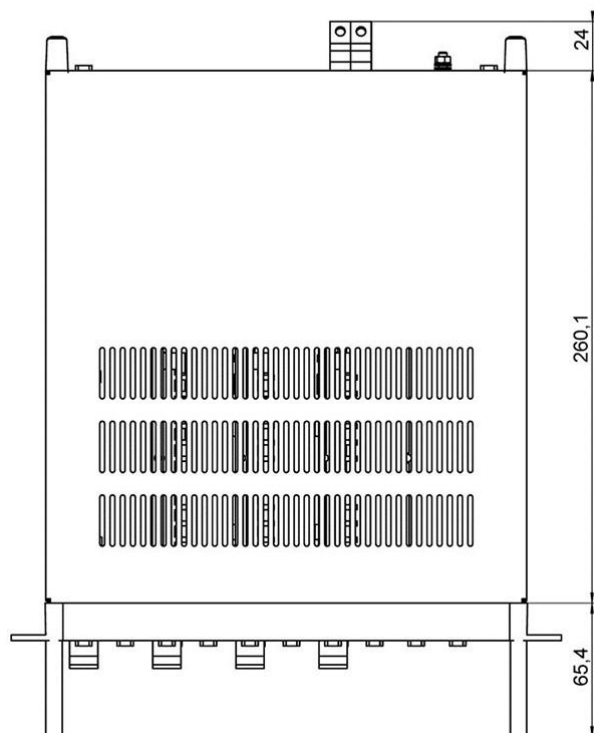


C-885.M1 Digital  
processor and  
interface module





9.5" rack of the C-885  
PIMotionMaster.  
Dimensions in mm.  
Note that decimal  
places are separated  
by commas in the  
drawing.



19" rack of the C-885  
 PIMotionMaster.  
 Dimensions in mm.  
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