

EFT-ICP

Integrated Control Panel

REF : PLFICP001EN



DESCRIPTION

EFT-ICP is an integrated module for controlling electrically assisted mobile systems such as office furniture, beds or mobile height adjustable carts.

It has numerous control interfaces that make it easy to integrate into any type of furniture. The man-machine interface with touch screen makes its use simple and intuitive.

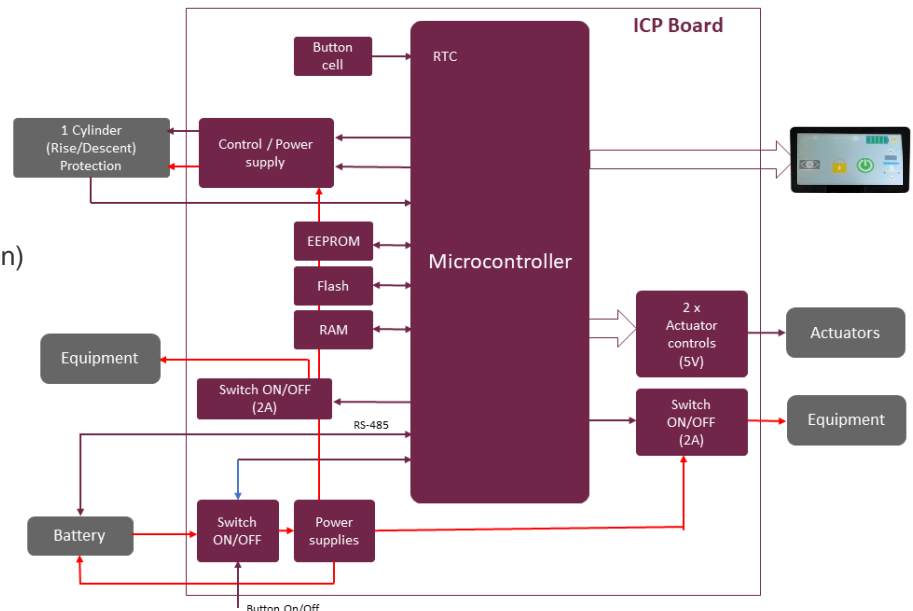


KEY FEATURES

- Administrator mode (password)
- Cylinder control (+, -, up/down)
- Interface for LCD touch screen
- Backup battery
- Safety function (blocking detection)
- State of charge of the battery
- Actuator management
- Digi-code for drawer opening
- Deep sleep mode

KEY BENEFITS

- Improve the ergonomics of professional furniture
- Ease of integration into any type of structure
- Customization through a highly qualified team



TARGETED APPLICATIONS

- Autonomous medical cart
- Height adjustable bed
- Ergonomic office furniture

Contact

For more information, please contact sales@effinnov.com

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Technical data are subject to change without notice

General Specifications	Min	Max
Operating Temperature	-20°C	70°C

Electrical Specifications	
Operating Voltage	24V (from the battery)
Average Current Consumption	300mA
Memory	16MB SDRAM + 16MB QSPI Flash
MCU	ARM® Cortex® -M7 with FPU – 1MB Flash / 320K RAM

Interfaces	
Battery communication	RS485
Touch panel	I ² C
TFT 4.3" screen	RGB 24 bits
3x Output voltages	12V-5A; 19V-7A; 5V-3.5A
Electric actuator	12V - 9A

Mechanical Dimensions	Width	Length	
ICP board	85 mm	145 mm	
Screen	70 mm	115 mm	

Ordering Information

Reference	Description
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