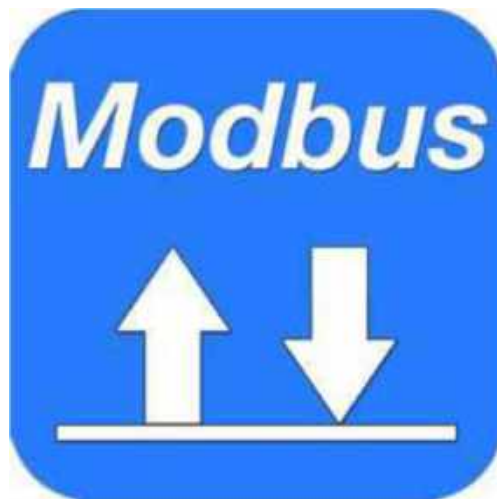


C-PMCG

Protocollo Modbus



Manuale Operatore
Cod. C-PMCG-Modbus

English

Product Rev: 1.0 - Manual Rev: 1.0

CONNECTING C-MINIONE AND C-PMCG MACHINES TO THE BMS (as CEAM ®CWS IOT Platform)

The microclimate modules are designed to be able to communicate with Supervision Systems or BMS, such as the **CEAM ®CWS IoT CEAM Platform**, via ModBus RTU communication port (RJ45 connector), with which both the C-MINIONE and the C-PMCG series are equipped.

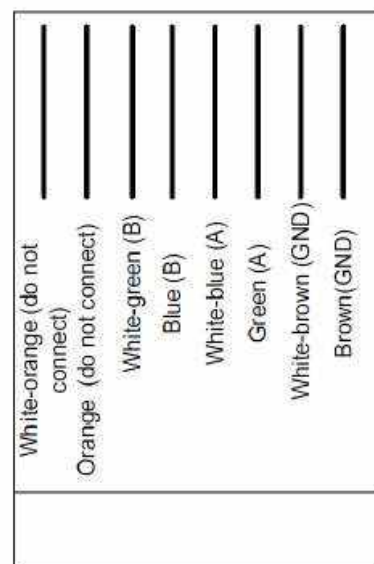
IF THIS OPTION WILL BE USED, IT IS NOT POSSIBLE TO CONNECT MACHINES IN MASTER/SLAVE MODE. RJ45 CONNECTOR IS NOT ETHERNET.

1. Cable can be connected to RJ45 connector on machine (See pinout below).
2. Use market available Bridge device from Modbus/RTU to local network with needed protocol (eg. BACNET/IP or Modbus/TCP)
3. It's up to museum IT staff to implement this System and use data sent from controller.
4. Modbus/RTU parameters: Baud 9600, Data bits: 8, Stop bits: 1, Parity: none.

Modbus Addressing

Address	Meaning	
0x2000	Device Mode 0-PID, 1-HUM	r
0x2001	Humidity * 10	r
0x2002	Temperature * 10	r
0x2100	Humidity Preset * 10	rw
0x2101	Humidity Alarm Error Offset * 10	rw
0x2200	Tempearture Error * 10 (used for air pump)	rw
0x2201	Termperture Alarm Error Delay (used for air pump)	rw
0x2300	PID kP	rw
0x2301	PID kI	rw
0x2302	PID kD	rw
0x2500	WiFi Send Interval (sec)	rw
0x2501	External SD Log Interval (sec)	rw

RJ45 Pinout



RJ-45. RS485. View from contacts side

Notes:



CEAM Control Equipment srl

Headquarters:

Via Val D'Orme No. 291

50053 Empoli (Firenze) Italy

Tel. (+39) 0571 924082 - Fax. (+39) 0571 924505

Skype Name: ceam_info



Internet:

Portale Web Generale del Gruppo: www.ceamgroup.com

Web Specifico del Settore: www.ceamcontrolequipment.it

Web di supporto tecnico: www.ceamsupport.it

E.mail:

Informazioni Generali: info@ceamgroup.it

Servizio Assistenza Vendite: sales@ceamgroup.it

Rivenditore di zona:

Circumstance	U.S. adults (%)	U.S. military personnel (%)
Self-defense	85	90
To protect others	75	85
To protect property	65	75
To protect the community	55	65
To protect the country	45	55