

I/O (ICE-BOX)

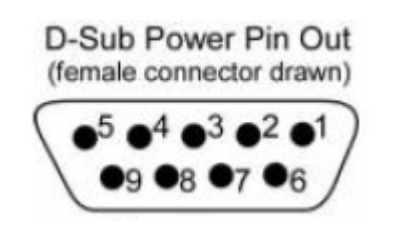
Only when purchased with the ICE-BOX.

USB

USB communication to the ICE-MC1 is done via a type-B USB connector on board. The ICE-MC1 emulates a serial port over USB and all communications with the device should be done with Serial communication settings of '8N1' (8 bit, no parity, 1 stop bit) at 115,200 baud. The comm (or serial) port to use will be chosen by the USB host computer.

TTL Serial

3.3V TTL Serial is available on the back 9pin D-sub connector on the ICE-Box. The pin definition is shown below:



Pin	Signal
1	RESERVED
2	RXI_Serial
3	TXO_Serial
4	5V In ¹⁾
5	Ground
6	RESERVED
7	No Connect
8	RESERVED
9	RESERVED

TXO is for an external device transmitting data out to the ICE-MC1. RXI is for the ICE-MC1 sending data that an external device receives.

¹⁾
leave unconnected if USB is also connected

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