

ICX-COMTOM-B2.0

Technical Specifications

General:

iCEX (Integrated Cellular and Ethernet explorer) is a Series of Embedded or Encapsulated Smart Data Producers. They explore data from sensors, analyzers, PLC and other devices over I/O, Ethernet or Serial protocols, and link them to the internet (RealiteQ Central On-Line Management Portal - COMP) by any cellular, satellite, Ethernet or other connections.

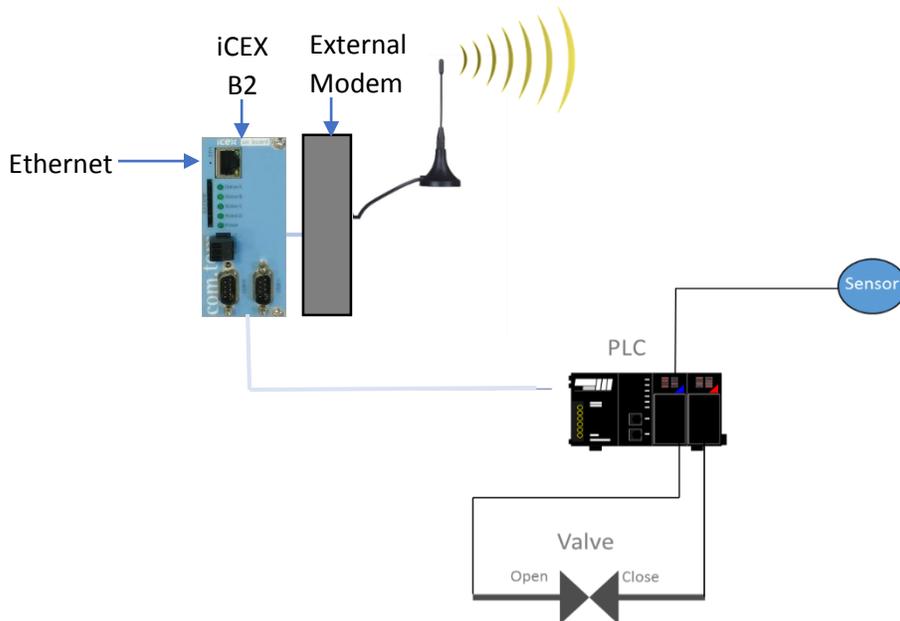
There are several iCEX models with different features to cover any specific site needs.

ICX-COMTOM-B2.0 model is designed especially for projects, where:

1. There is already Ethernet infrastructure and no need for cellular connection
2. There is already on site external Modem (Cellular, satellite) for other usage (cameras...), so the iCEX B2 unit can be connected to the external Modem.



B2 iCEX –Typical installation



Common specs:

Ethernet	1 x 10/100Base/T, RJ45 connector with traffic and link LED
Serial Interface	1 x RS232/485 (D-SUB 9 pins connector)
Supply voltage	10-30 VDC
Operating system	IPC@CHIP® RTOS
Operating temperature	0-55 °C
Size (W x L x H)	46 x 105 x 70 mm 1.8 X 4.2 X 2.8 Inch
Material	Continuously hot-dip aluminum-zinc coated steel sheet (DIN EN 10215)
Mounting	35 mm DIN rail
Additional function	c/c++

Specific ICX-COMTOM-B2.0 properties:

Modem	none
Second serial port	RS232 (D-SUB 9 pins connector)
Status LEDs	5 (power, Status A, Status B, Status C, Status D)
CAN Interface	none
Active current	Max 100 mA @ 24VDC
Analog I/O	none
Digital I/O	none