

Cellular Internet Data Communication Kit

BEFORE ORDERING (Optional external corded antennas)

* When cellular coverage/signal strength is not sufficient where the controller/modem are located, external corded antennas allow to extend the reach.

Please provide the following information before ordering, so that we pre-program modem for onsite plug&play and check cell coverage/signal strength:

1. onsite controller(s) brand/model
2. facility street address to check the cellular maps
3. is there a cell signal in the building where the device is going to be located:
 - check cellular signal (number of bars) on somebody's cell phone standing where the device is going to be located.
 - if you could not check cell signal, describe floor level, walls around device to estimate how much the cellular signal will be reduced in comparison from outside.



Picture of corded antenna connected to the USB modem (water-proof enclosures are designed for field addition of corded antennas).

A. modem water-proof MM-E1 and MM-H4

- * pre-assembled in a water-proof Nema4X enclosure to retrofit quickly next to controller
- * easiest setup for existing controllers
- * allows to be easily moved from site to site

INSTALLATION:

1. Secure modem enclosure next to Controller, using the 4 metal brackets at each corner of the enclosure.
2. Connect modemMille Ethernet cable (green cable on picture at right) to controller internal Ethernet port.
3. Plug in modem power cord (black cable on picture at right) into VAC outlet
4. Wait 2 minutes until USB aircard modem 2 lights are on and steady (2 blue lights or 1blue/1orange)
→ That's it!



Example of modem model MM-E1 with a Multiflex controller

B. modem OEM version MM-O1 and MM-O4

- * retrofits inside select controller enclosures.
- * can be useful when panel space is limited.

INSTALLATION:

1. Secure modem router, USB aircard, and power transformer inside Controller
2. Connect modemMille Ethernet cable to controller internal Ethernet port.
3. Connect modem VAC cables into controller VAC terminal blocks, then power up controller
4. Wait 2 minutes until USB modem 2 lights are on and steady
→ That's it!



Example of modem OEM model MM-O1 inside a Multiflex controller