Inception USB WiFi Adaptor with Magnetic Base

P/N: 999039

The WiFi Adapter connects to the Inception Controller USB port or Inception USB Hub (P/N: 999032) to provide an IEEE 802.11b/g/n network connection.

In Access Point mode, it provides the installer with a temporary wireless connection to the Inception controller. In Client mode it can provide a permanent connection to an existing WiFi network. A magnetic antenna base & extension cable that can be mounted on the outside of the enclosure is included for this purpose.



IMPORTANT NOTES

1. Inception Firmware: Must be V5.0.0 or later.
2. This manual should be read in conjunction with the
   - Inception installation manual (P/N: 636300) and
   - Inception Quick Start Guide (P/N: 636300QS)

SPECIFICATIONS

Input Voltage	4.4 to 5.25VDC via host USB connection
Current Consumption	Idle: 25mA Maximum: 40mA
Adapter Dimensions	L: 80mm / 3.15” W: 32mm / 1.25” D: 10mm / 0.4”
USB Ext. Cable Length	250mm / 9 ¾” (including housings)
Antenna Cable Length	1150mm / 45”
Installation Environment	0° to 49° C / 32° to 120° F. 15% to 85% relative humidity (non-condensing)

PARTS LIST



1. USB WiFi Adapter.
2. WiFi Antenna. 2dBi.
3. Magnetic Antenna Base with 1150mm / 45” Cable.
4. USB-A(M) to USB-A(F) Extension Cable. 250mm / 9 ¾”.
5. Installation Manual (This document)

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INSTALLATION

Notes

1. The Adapter must be installed within the same enclosure as the Inception Controller and in accordance with applicable standards and local regulations.
2. If more than one device needs to be connected to the Inception Controller USB Port (e.g. The WiFi Adapter and an Alarm Communicator or USB Modem), an Inception 4-Port USB Hub may be purchased. P/N: 999032.
3. When installed in the Inner Range Small Enclosure (P/N: 995200), the Inception Controller must be raised to access the USB socket. Four threaded brass standoffs are provided with the Controller to raise the mounting plate or the Controller.

Permanent Connection (Client Mode or Access Point Mode)

1. Fit the Antenna to the Magnetic Base and install it in a suitable location outside the enclosure. Route the Antenna cable into the enclosure without strain or sharp bends and connect it to the WiFi Adapter.
2. Using the USB Extension Cable, connect the Adapter to the Inception Controller USB Port.
3. Secure the Adapter to the base of the enclosure with a cable tie, adhesive hook & loop tape or similar.

Temporary Connection (Access Point Mode Only)

Fit the Antenna to the Adapter and plug the Adapter either directly into the Inception Controller USB Port, or via the USB Extension Cable if an Ethernet Cable is already connected to the Controller. Leave the enclosure cover off while Adapter is in use.

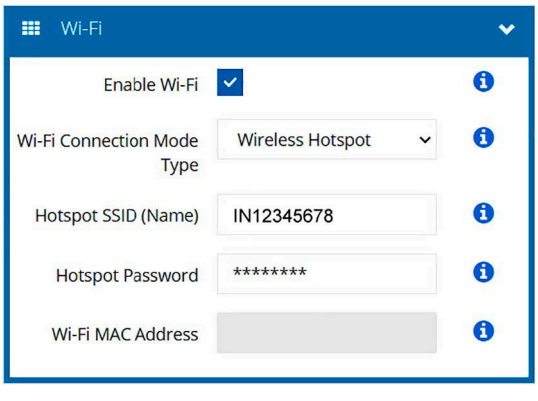
COMMISSIONING NOTES

To configure the Inception Controller to use the USB WiFi Adapter navigate to the:

'**Configuration > General > Network**' page.

Set the options in the 'WiFi' section, as follows:

- **Enable WiFi:** Ensure the tick box is checked.
- **WiFi Connection Mode Type:** Choose the desired connection mode.
- **Other Options:** Configure as required. Refer to the tooltips (ⓘ) for details.



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