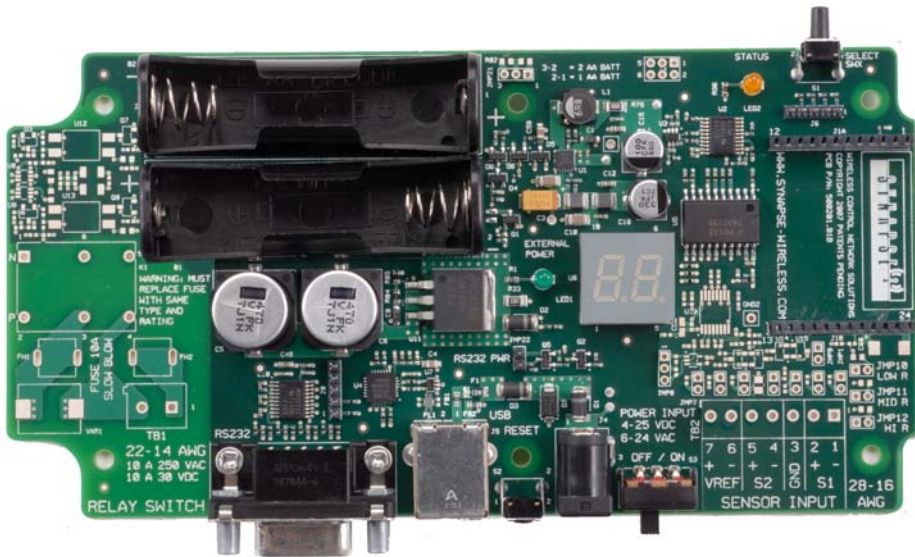


Synapse Coordinator (CO) Device



- ✓ 2.4 GHz 802.15.4 / ZigBee® Platform
- ✓ For SNAP, Full ZigBee or Custom Network Applications
- ✓ RS-232 and USB 2.0 Ports
- ✓ Power Amplifiers and External Antenna
- ✓ Up to 3 Mile Range

The Synapse Coordinator™ connects to the Synapse Portal® (network administration) software running on a PC via a standard USB 2.0 connector or RS232. It forms the starting point of the SNAP™ (Synapse Network Appliance Protocol™) network. The Synapse Coordinator supports either wall transformer power (included) or can run using 2 AA batteries (not included).

The Synapse Coordinator can handle over 65,000 Synapse End Devices and is capable of standalone (non-PC connected) operation.

SNAP-based networks are self-forming so when you power-up a SNAP-based device, it is automatically recognized by the Synapse Coordinator and incorporated into the network without any user intervention. The network can be then be configured using Synapse Portal® Network Administration Software.

Product Features:

Feature	Description
RS-232 Port	Full RS-232 support with HW flow control (RTS/CTS)
USB Port	USB Specification 2.0 Compliant, Virtual Com Port
Display	2 Digit seven-segment Red LED
Input Power	4 - 25 VDC wall transformer USB 5V 2 - AA batteries
Select Button	User function definable
Status LED	User function definable (Yellow)
External Power LED	On when external power from wall transformer or USB is supplied (Green)
Reset	Resets all functions
Voltage Sense	Intelligent SW control based on input power source Low battery indication, power savings if battery powered
External Antenna	Provides 5 dBi gain on receive and transmit
Power Amplifier	18 dBm gain power amp for transmit
Receive Amplifier	11 dBm gain receive amplifier

Part Selection:

Part No.	Antenna	Flash Memory	ZigBee Mode
CO113F5-D6	External	60 KB	Coordinator

All specifications are subject to change without notice. All Synapse products are patent pending.

