

bluePRINT Sync™



GPS Module and Antenna **ENGSYMD01**

Antenna Service Part **ENGSYAT01**

Product Features and Requirements

What is bluePRINT Sync?

- bluePRINT Sync is an add-on component for the bluePRINT 3 System
- It provides true warning system coordination between vehicles
- Sync-equipped emergency vehicles will automatically flash in perfect timing when using the same pattern
- Because of bluePRINT's flexibility in programming, single and multi-color patterns can be set to match or be different based on environmental and operator variances
- When matched with bluePRINT LINK, Sync becomes the industry's first lighting sync system that can be programmed to automatically change colors, patterns or intensities based on input from the vehicle such as speed, and ambient lighting

Why use bluePRINT Sync?

- Improved warning messages. Slow, medium or fast patterns are much more effective and noticeable when multiple vehicles are utilizing synchronized patterns
- Reduced distractions and confusion of multiple, random flashing lights. Approaching drivers can better judge the emergency vehicle's status.
- Improved work area visibility for officers and other roadway users
- Enhanced professional image of all warning or response vehicles on a scene
- Enhanced tactical presence of police by calming scenes and implying control

How Does it Work?

- bluePRINT Sync utilizes GPS technology to keep patterns in sync. Car-to-Car communication is not necessary with this technology
- Using GPS technology means there is no required distance for vehicles to synchronize patterns. They are always in sync, no matter how far they are from one another
- Since bluePRINT Sync works in the background to synchronize patterns, there are ideas that should be discussed with bluePRINT users and programmers regarding the best way to utilize the technology
- Each bluePRINT Sync kit includes a Sync Module, GPS Antenna, Ethernet Splitter and 3' ethernet cable

INPUT VOLTAGE	10-16 Vdc
OPERATING TEMPERATURE	- 40° C to +65° C
CURRENT DRAW	<100mA @ 12.8 Vdc
SYSTEM REQUIREMENTS	bluePRINT 3 app must be utilized to configure the system Central controller must have v3.08 or later installed
DIMENSIONS	
Module	Length 3.4" (8.6 cm) Height 0.9" (2.2 cm) Depth 1.6" (4.1 cm)
Antenna Base	Length 1.6" (4.0 cm) Height 0.4" (1.0 cm) Depth 1.5" (3.7 cm)
WARRANTY	One-year

Hardware Requirements. Only a bluePRINT Central Controller with firmware version 3.08 and newer is required for use with bluePRINT Sync.

Software Requirements. All programming for bluePRINT require access to the bluePRINT Configuration Software. Sync is supported in bluePRINT version 3.8.2 and newer.

Antenna Recommendation. SoundOff Signal only offers technical GPS support using the included GPS antenna Using an antenna other than the recommended can possibly damage the bluePRINT Sync module. Damage to the Sync module from improper antenna usage is not covered under warranty.

Contact your sales representative for additional information.

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