

iGS01 BLE Payload Filter

Introduction

Payload filter is used as filter to keep specified beacons by using payload matching.

Assume your beacon has below report:

\$GPRP,0007802DDB1E,C946A6500A33,-43,0201061AFF**6602**00215BC6010015000000F00000000

If your beacons has a fixed field "6602" in above report, you can set

Payload Pattern: 0201061AFF**6602**

Payload Mask: 0000000000**FFFF**

Then the gateway will only forward the report when "pattern & mask" matches 6602.

Ex.

To match iBeacon:

Payload Pattern: 0201061AFF4C00

Payload Mask: FFFFFFFFFFFFFFFF

To match Eddystone:

Payload Pattern: 0201060303AAFE

Payload Mask: FFFFFFFFFFFFFFFF

To match iBS01 series beacon:

Payload Pattern: **02010612FF590080BC**

Payload Mask: FFFFFFF0FFFFFFFF00FF

To match iBS01/iBS02/iBS03/iBS04 series beacon:

Payload Pattern: **02010612FF0D0080BC**

Payload Mask: FFFFFFF0FF00FFF0FF

Revision History

DATE	REVISION	CHANGES
Feb 1, 2017	1	Initial release
May 11, 2017	2	Add example for iBeacon, Eddystone and iBS01
Aug 7, 2019	3	Add example for iBS02/iBS03/iBS04