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## RTLS AP GEO-DA300

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Geoplan Co.,Ltd.

## C O N T E N T S

<b>1</b>	<b>Overview.....</b>	<b>3</b>
<b>2</b>	<b>SPECIFICATIONS.....</b>	<b>4</b>
2.1	GEO-DA300 Specification.....	4
2.2	GEO-DA300 Dimension .....	5
2.3	GEO-DA300 External description.....	6

## 1 Overview

### 1.1 RTLS TAG GEO-DA300

- GEO-DA300 is RTLS platform.
- Provides a flexible and scalable solution by applying wired / wireless communication technologies such as Ethernet and Bluetooth, UWB to support the communication environment of a variety of RTLS.
- Providing indoor type platform consider flexibility, extensibility, diversity of the installation environment.
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**Figure 1.** RTLS Tag GEO-DA300

## 2 SPECIFICATIONS

### 2.1 GEO-DA300 Specification

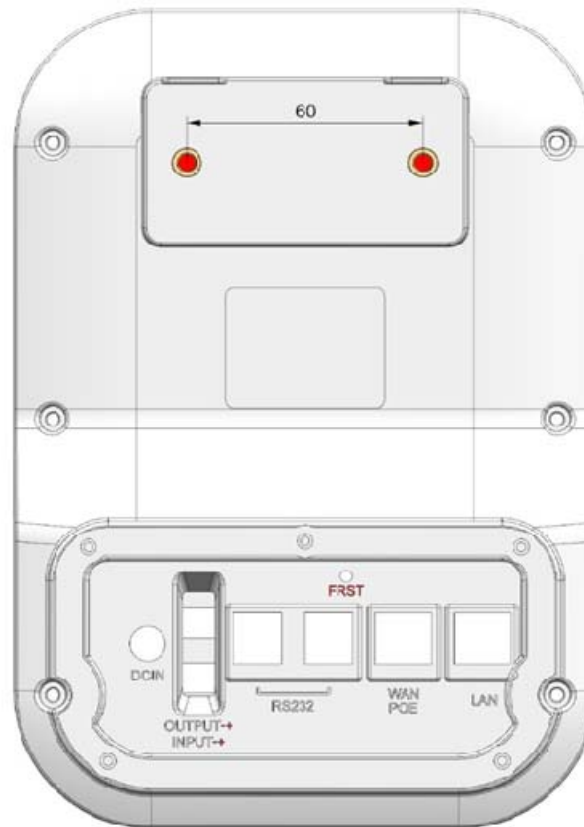
Feature	Specification	
System Specification		
MCU	• AM3358 (ARM Cortex-A8)	
Operating System	Embedded Linux	
Memory		
Flash Memory	256MB NAND	
RAM	256MB DDR3	
Interface Support		
Ethernet	• 10/100BASE-T RJ45 - 2 ea	
RS232	• RJ11 – 2 ea	
INPUT/OUTPUT	• Terminal – 2 ea	
DC IN	• DC-JACK	
Bluetooth	• BLE, 2.402 ~ 2.480 GHz, BMD300	
UWB	• UWB, 6 489.6GHz, GEO-MD200	
LED (4)	• <b>ACT</b> (RGB flicking / AP Activity)	
Physical Characteristics		
Power specifications	DC Power Adapter 12.0 VDC / 2A	PoE (IEEE 802.3af fully supports) 48 VDC / 12.95 Watts Max
Physical Dimensions (W x H x D)	• 154 x 214 x 45 mm	

## 2.2 GEO-DA300 Dimension



**Figure 2.** Dimension for GEO-DA300(100 x 76 x 44.5 mm)

## 2.3 GEO-DA300 External description



**Figure 3.** GEO-DA300 external descriptions

Number	Feature	Descriptions
1	DCIN	DCJACK, DC 12V / 2A
2	OUTPUT/INPUT	Terminal, in/out port
3	RS232	RJ11 6P4C, 2EA
4	WAN/POE	Ethernet 10/100Base-Tx with PoE
5	LAN	Ethernet 10/100Base-Tx
6	FRST	Factory Reset Button

### 3. FCC

#### 3.1 FCC Statements

##### Compliance Statement

*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:*

- 1. This device may not cause harmful interference, and*
- 2. This device must accept any interference received, including interference that may cause undesired operation.*

##### Warning

*Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

##### RF Exposure

*To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operation in conjunction with any other antenna or transmitter. This equipment complies with FCC*

##### Indoor use only

*This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.*