CONTROLLER FOR ELECTRONIC PRICE TAGS

Vormatic ESL 1 SPECIFICATION

Datasheet: V1.4

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Vormatic ESL 1

BRIEF INTRODUCTION

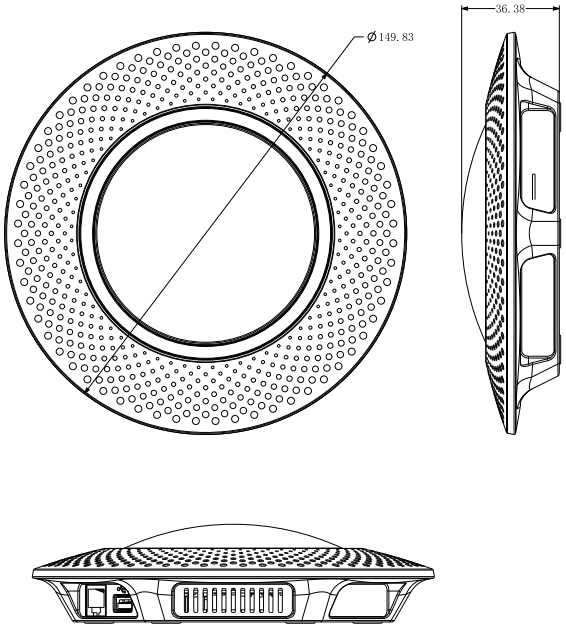
The gateway Vormatic ESL 1 is self-developed by Vormatic, working as a center control-ler of Bluetooth devices, monitoring their wireless signal and transmiting to IoT Cloud Platform via WIFI or Ethernet.
Vormatic ESL 1 has fashion appearance, its seven-color light loop can indicate different status when be of different colors. Its high sensitive of Bluetooth reception expands the monitoring scope, which could control as many as 10000pcs BLE devices.

HIGHLIGHT

- independent R&D
- 4G Support 4G
- Hi-tech apperance (Fashion apperance)
- Bi-directional transmission
- 300m monitor range
- Support USB OTA updates

SPECIFICATION

Material	ABS
Color	White
Dimension	Ø150×36mm(Built-in antenna)
Weight	150g
Range	300 Metres in open area
Power by	5V 1A DC adapter or PoE
Interface	Network Interface/ USB Interface
Installation	Ceiling, Wall-hung, horizontal arrangement
upgrade	USB OR OTA



TECHNICAL PARAMETER

WiFi Protocol	IEEE 802.11 b/g/n
WiFi Power	16dBm
Bluetooth Protocol	Bluetooth 5.0
Bluetooth Receive sensitivity	-108dBm
WI-FI	MTK Chip
BLE	Nordic52 Module
Working Temperature	-10°C~+50°C

Tips: The gateway can only be used for communicating with electronic tags, not for network communication for other devices, otherwise, it may work abnormally, affecting the data transmitting to electronic tags.

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