



ZEORA
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Make enterprise material management



specification

KEY CABINET PRODUCT SPECIFICATION

Colorful Storage Location Label: ZSL-PT02

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Address: Room 1401, Building 16, Tianan Headquarters Center, No.555 North Panyu Avenue,
Donghuan Street, Panyu District, Guangzhou City



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1. Product Image



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2、Product Overview

The ZSL-PT02 three-channel shelf button tag is a 2.4G customizable electronic reminder device featuring color lighting and sound alerts. Compatible with our company's gateway system, it offers six color options, an RGB indicator light, a button confirmation function, and a transparent housing with high brightness, enabling rapid item location and picking in inventory management (with illuminated indicators for targeted items and button confirmation for picking). It is suitable for applications such as warehouse material management, Cainiao Station shelves, supermarket storage areas, and large-scale warehouse goods retrieval.

III. Product Features

- 2.4G low-power design with standby power consumption of 63 μ A;
- Features a transparent casing with multiple colors clearly visible
- Built with ultrasonic welding technology, featuring an IP54 waterproof rating;
- Total weight: 45 grams;
- 2 CR2477 button batteries with a total capacity of 2000 mA, providing up to 36 months of operation (with over 10 点亮 cycles per day, each lasting 5 seconds);

- The battery is replaceable (we recommend using our supplied batteries, which offer higher current capacity);

IV. Specifications and Parameters

Main Specification Parameters	
product name	Colorful Storage Location Labels
product model	ZSL-PT02
product size	80*32*18mm
Product Weight	45g
cell	2 CR2477s
communicating protocol	AES Encryption Private
transmitting power	Default: 0 dBm
way to install	Back adhesive
sheathing material	PC
communication range	Unobstructed radius: 20 m (depending on environmental conditions)
operate time	36 months (the battery lifespan is calculated based on the customer's usage frequency)
Storage Temperature	0 ~ 65°C
pigment	White transparent (customizable)

V. System Application Block Diagram

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