

————— Electronic Shelf Label —————

SPECIFICATION

SETPB

Dalian Sertag Technology Co., Ltd

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REV	DESCRIPTION	RELEASE DATE	EDITOR
1.0	Preliminary Release	2018/3/1	Leaker

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Bluetooth ESL 2.1 _TFT

TECHNICAL DETAILS	Product code	SETPB_TFT_2.1
	Dimensions (mm)	69.5x35x14.8
	Display technology	Mono TFT
	Active display area (mm)	23.668(H) x 48.5(V)
	Resolution (pixels)	250x122
	Pixel Size(mm)	0.194x0.194
	Pixel colors	Black/white
	Viewing angle	45/45/60/60
	Operating temperature	-20 °C to 70 °C
	Battery	1200mAh(CR2450X2)
	Battery lifetime	2 -3years
	ESL operating frequency	2.4G BLE
	Wireless firmware update	Yes
	Proximity sensing	Yes
	Support content format	Text/Barcode/QR code
	Wireless device	Android Phone/pad
	Template design DIY	Yes



Features:

1. No base station, server, mobile Bluetooth wireless update
2. Original fast scanning technology, **intelligently sensing the label content to the mobile phone**
3. The template can be designed by DIY, and the multi-template can be switched at will
4. Support firmware online upgrade
5. Total reflection 2.1-inch TFT screen, real-time display, ultra-low power consumption
6. Wide temperature support -20-70 degrees
7. Length, width and thickness: 69.5x35x14.8mm
8. 2-3 years battery life, battery can be replaced
9. Support batch refresh
10. Support content: text/bar code/QR code

Instruction:



Multiple colors:



Other size supported

Model	Picture	Parameter
<p>SETPB_TFT_ 2.1</p>		<p>Dimensions (mm) 69.5x35x14.8 Display technology Mono TFT Active display area (mm) 23.668(H) x 48.5(V) Resolution (pixels) 250x122 Pixel Size(mm) 0.194x0.194 Pixel colors Black/white Viewing angle 45/45/60/60 Operating temperature -20 °C to 70 °C Battery 1200mAh(CR2450X2) Battery lifetime 2 -3years ESL operating frequency 2.4G BLE Proximity sensing Yes Support content format Text/Barcode/QR code Wireless device Android Phone/pad Template design DIY Yes</p>
<p>SETPB0213R</p>		<p>Dimensions (mm) 71.6x36.5x12.6 Display technology E ink Active display area (mm) 23.71(H) x 48.55(V) Resolution (pixels) 212x104 Pixel Size(mm) 0.228x0.229 Pixel colors Black/white/Red Viewing angle 180 Operating temperature 0°C to 50°C Battery 600mAh(CR2450X1) Battery lifetime 1-2years ESL operating frequency 2.4G BLE Proximity sensing Yes Support content format Text/Barcode/QR code Wireless device Android Phone/pad Template design DIY Yes</p>
<p>SETPB0290R</p>		<p>Dimensions (mm) 88.5x41.5x13.8 Display technology E ink Active display area (mm) 29.06(H) x 66.90(V) Resolution (pixels) 296x128 Pixel Size(mm) 0.227x0.226 Pixel colors Black/white/Red Viewing angle 180 Operating temperature 0°C to 50°C Battery 600mAh(CR2450X2) Battery lifetime 3years ESL operating frequency 2.4G BLE</p>

		<p>Proximity sensing Yes Support content format Text/Barcode/QR code Wireless device Android Phone/pad Template design DIY Yes</p>
<p>SETPB0420R</p>		<p>Dimensions (mm) 104.5x87.5x12.7 Display technology E ink Active display area (mm) 84.8(H) x 63.6(V) Resolution (pixels) 400x300 Pixel Size(mm) 0.212x0.212 Pixel colors Black/white/Red Viewing angle 180 Operating temperature 0°C to 50°C Battery 2400mAh(CR2450X4) Battery lifetime 5years ESL operating frequency 2.4G BLE Proximity sensing Yes Support content format Text/Barcode/QR code Wireless device Android Phone/pad Template design DIY Yes</p>
<p>SETPB0750R</p>		<p>Dimensions (mm) 180x130x13 Display technology E ink Active display area (mm) 163.2(H) x 97.92(V) Resolution (pixels) 640x384 Pixel Size(mm) 0.255x0.255 Pixel colors Black/white/Red Viewing angle 180 Operating temperature 0°C to 50°C Battery 3600mAh(CR2450X6) Battery lifetime 5years ESL operating frequency 2.4G BLE Proximity sensing Yes Support content format Text/Barcode/QR code Wireless device Android Phone/pad Template design DIY Yes</p>
<p>SETPB0750RD</p>		<p>Dimensions (mm) 176.2x80x137.15 Display technology E ink Active display area (mm) 163.2(H) x 97.92(V) Resolution (pixels) 640x384 Pixel Size(mm) 0.255x0.255 Pixel colors Black/white/Red Viewing angle 180 Operating temperature 0°C to 50°C Battery 3600mAh(CR2450X6) Battery lifetime 3-5years ESL operating frequency 2.4G BLE Proximity sensing Yes</p>

		<p>Support content format Text/Barcode/QR code</p> <p>Wireless device Android Phone/pad</p> <p>Template design DIY Yes</p>
<p>SETPB1020R</p>		<p>Dimensions (mm) 234.9*175.4*14.4</p> <p>Display technology E ink</p> <p>Active display area (mm)215.5(H) x 143.68(V)</p> <p>Resolution (pixels) 960x640</p> <p>Pixel Size(mm) 0.2245x0.2245</p> <p>Pixel colors Black/white/Red</p> <p>Viewing angle 180</p> <p>Operating temperature0°C to 50°C</p> <p>Battery 3600mAh(CR2450X6)</p> <p>Battery lifetime 3-5years</p> <p>ESL operating frequency 2.4G BLE</p> <p>Proximity sensing Yes</p> <p>Support content format Text/Barcode/QR code</p> <p>Wireless device Android Phone/pad</p> <p>Template design DIY Yes</p>

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