Wi-Fi 7.5 inch Electronic Nameplate SETPW0750R_D Solution

DALIAN SERTAG TECHNOLOGY CO., LTD

WiFi ESL System Overview

WiFi Electronic Office Signage System is a kind of advanced wireless automatic updating system, which replaces the way of traditional paper sign/table cards that need manual replacement. WIFI ESL System with all you only need is an electronic office sign devices to make it work in the office or conference space to quickly change the people or conference information. It is a paperless, accurate, efficient, and cost-effective solution.
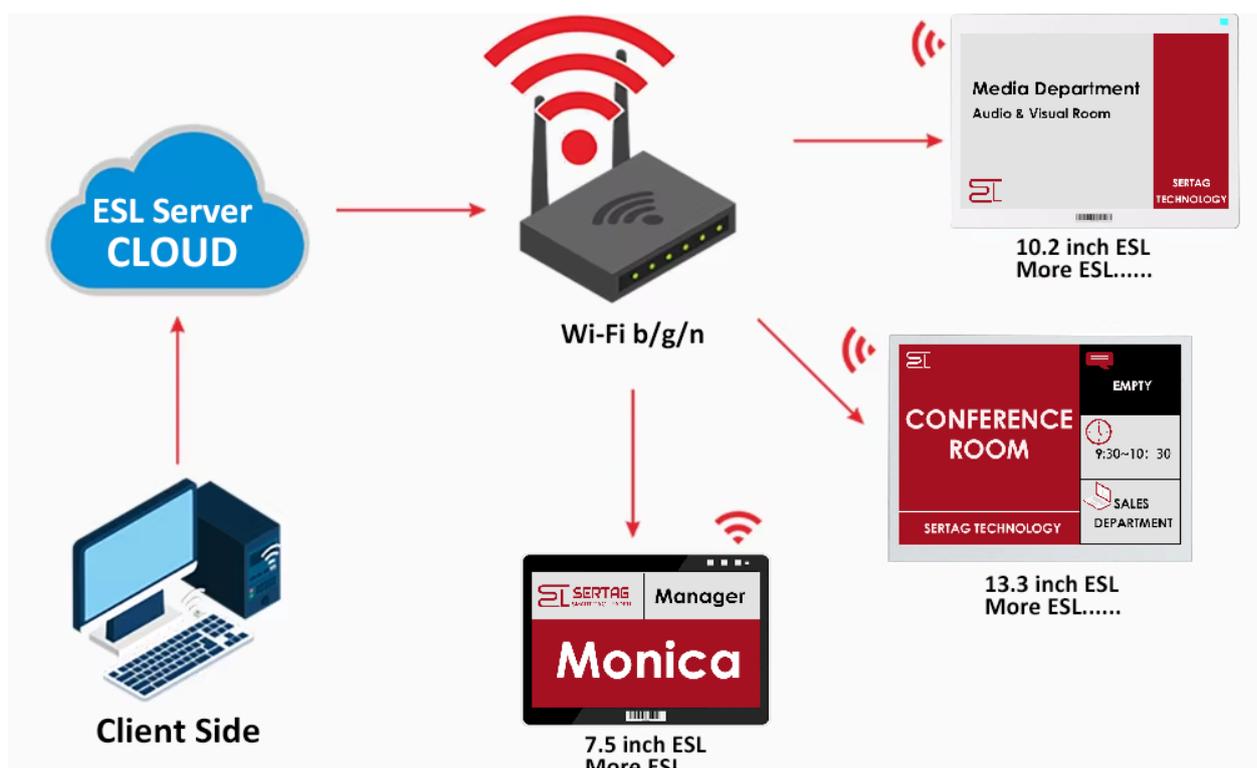
7.5 inch WiFi ESL Parameter

7.5 inch Parameter	Product Model	SETPW0750R_D
	Dimensions (mm)	176.2*137.15*80mm
	Display Technology	3-color E ink display
	Active Display Area (mm)	163.2(H) * 97.92(V)
	Resolution (pixels)	800x480
	Appearance Color	Slivery
	Pixel colors	Black/White/Red
	Viewing Angle	Nearly 180°
	Working Temperature	0 - 40℃
	Battery	2300mAh(Rechargeable polymer batteries)
	Power	Type-C interface charging
	Battery Lifetime	Up to 1year of autonomy on a single charge
	Communication Mode	WiFi b/g/n
	Support Content Format	Text/Picture/QR code/Barcode
	Wireless Firmware Update	Yes
	Support Remote Control	Yes
	Interface Interconnection	Yes

Notable Features

1. Ultra-low power consumption: Up to 1 year of autonomy on a single charge.

2. Easy installation without a cable connection.

3. Real-time online communication based on standard WIFI network (no additional deployment of dedicated base station).

4. Display technology: E ink screen clear display.

System Structure

Media Department
Audio & Visual Room

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10.2 inch ESL
More ESL......

ESL Server CLOUD

Wi-Fi b/g/n

Client Side

SERTAG Manager

Monica

7.5 inch ESL
More ESL

EMPTY

CONFERENCE ROOM

9:30~10: 30

SALES DEPARTMENT

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13.3 inch ESL
More ESL......

Interface Interconnection Mode

Methods 1：
HTTP & JSON

Send instructions

Label Management Server

To Make the Template Generate images from templates

Methods 2：
HTTP & MQTT
Send PNG Picture

Send Picture

Label Management Server

Receive image data, convert and send to label

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