



4 color E-ink Display  
Auto update menu  
Allergen Display  
Multilingual

Digital Buffet Signage



# Main Features



- ✓ Label Management System in the Cloud, accessible from anywhere with internet access.
- ✓ Wireless connection, fast implementation.
- ✓ Customizable design, multi-language.
- ✓ With API for easy integration with your current management system.
- ✓ Liquid resistant.



# Redefine Your Buffet Presentation: Key Benefits

## Elegant Design

The sleek and elegant design aesthetic perfectly complements the upscale hotel setting.

## Tailored to Your Brand's Look

Enjoy creative freedom with customizable templates to match your ambiance.

## Built for Demanding Environments

Our e-ink displays are splash-resistant and dustproof, ensuring flawless performance day in and day out.

## Sustainability

Move beyond disposable paper labels. Our durable, reusable signs help you save paper, reduce waste, and lower long-term costs while supporting your eco-friendly goals.

## Exceptional Battery Life

Engineered for efficiency, our labels consume power only when the content changes. A single battery can last for 3-5 years, minimizing maintenance.

## Save time

Save up to 80% of staff time with our easy-to-use software.



# Redefine Your Buffet Presentation: Key Benefits

## Effortlessly Manage Dishes

Upload dish information individually or in bulk to the cloud and assign it to labels instantly with a single click.

## Clear Allergen Icons

Promote guest safety and compliance with regulations. Easily display standardized allergen icons directly on the labels.

## Multilingual

Instantly adapt to your guests' needs by generating labels in multiple languages, ensuring a welcoming experience for an international clientele.

## Scheduling

Pre-schedule your breakfast, lunch, and dinner menus. The system updates labels automatically at set times, guaranteeing accuracy and a professional appearance around the clock.

## What is our advantage in allergen display?



The scripting feature enables allergen display variations per dish within one template, optimizing efficiency, save a lot of time



# How Our Digital Buffet Signage System Operates

## Instant Updates

Modify dish names, languages, designs, or assigned menu sections in real time—no delays, no reprints.

## Customizable Templates

Design and save multiple visual templates for various occasions—all easily reusable and adaptable.

## Wireless & Seamless

Our platform syncs effortlessly with electronic menu labels through secure wireless technology.

## Intuitive Multilingual Interface

A user-friendly admin panel allows effortless management by staff of any language background.

## Available Sizes



Ideal for short labels or use of fewer languages. Suitable for displaying the names of sauces, pickles, side dishes. Its size also makes it perfect for name cards.



The most commonly chosen size by clients, these digital signs are suitable for displaying up to 3, maximum 4 languages.

# Available Sizes

## 7.5 inch

Perfect for listing various dishes like baked goods, cheeses, salads, or providing more detailed information about certain dishes to enhance the guest experience (e.g., local product, world cuisine). These versatile digital signs are also ideal as a wine list, event program, or menu besides being a food label.





# Product Specifications

Model: DL0350 Size: 3.5 inch

<b>Product Dimensions (mm*mm*mm)</b>	101*49.8*12.3
<b>Case Color</b>	white
<b>Weight (g)</b>	47
<b>Display Technology</b>	Full graphic E-ink display
<b>Display color</b>	BWRY
<b>Active Display Area (mm*mm)</b>	79.6*38.2
<b>Display Size (inch)</b>	3.5
<b>Resolution (pixel)</b>	384*184
<b>DPI</b>	122
<b>Working life</b>	5 years (4 updates per day)
<b>Battery Spec</b>	2 * CR2450, replaceable battery pack
<b>Working Temperature (°C)</b>	0~40
<b>Storage temperature (°C)</b>	0~40
<b>Working Humidity (%RH)</b>	45~70
<b>Protection Level</b>	IP65
<b>Wireless firmware update</b>	Yes
<b>Usable pages</b>	8
<b>LED color</b>	Red,Green and Blue,7 colors can be displayed
<b>Wireless connectivity</b>	Private Protocol
<b>RF Wireless Communication Parameters</b>	Working Frequency: 2400MHz ~ 2480MHz
<b>Communication mode</b>	AP
<b>Communication Distance</b>	Within 20m (Open distance: 50m)
<b>Packing quantity</b>	300/Box(full), 15.7kg

Model: DL0420 Size: 4.2 inch

<b>Product Dimensions (mm*mm*mm)</b>	99*89*12.3
<b>Case Color</b>	white
<b>Weight (g)</b>	47
<b>Display Technology</b>	Full graphic E-ink display
<b>Display color</b>	BWRY
<b>Active Display Area (mm*mm)</b>	84.8*63.6
<b>Display Size (inch)</b>	4.2
<b>Resolution (pixel)</b>	400*300
<b>DPI</b>	119
<b>Working life</b>	5 years (4 updates per day)
<b>Battery Spec</b>	3 * CR2450, replaceable battery pack
<b>Working Temperature (°C)</b>	0~40
<b>Storage temperature (°C)</b>	0~40
<b>Working Humidity (%RH)</b>	45~70
<b>Protection Level</b>	IP65
<b>Wireless firmware update</b>	Yes
<b>Usable pages</b>	8
<b>LED color</b>	Red,Green and Blue,7 colors can be displayed
<b>Wireless connectivity</b>	Private Protocol
<b>RF Wireless Communication Parameters</b>	Working Frequency: 2400MHz ~ 2480MHz
<b>Communication mode</b>	AP
<b>Communication Distance</b>	Within 20m (Open distance: 50m)
<b>Packing quantity</b>	180/Box(full), 16.2kg



# Product Specifications

Model: DL0750 Size: 7.5 inch

<b>Product Dimensions (mm*mm*mm)</b>	178*126*9
<b>Case Color</b>	White
<b>Weight (g)</b>	188
<b>Display Technology</b>	Full graphic E-ink display
<b>Display color</b>	BWRY
<b>Active Display Area (mm*mm)</b>	163*98
<b>Display Size (inch)</b>	7.5
<b>Resolution (pixel)</b>	800*480
<b>DPI</b>	124
<b>Working life</b>	5 years (4 updates per day)
<b>Battery Spec</b>	6 * CR2450, replaceable battery pack
<b>Working Temperature (°C)</b>	0~40
<b>Storage temperature (°C)</b>	0~40
<b>Working Humidity (%RH)</b>	45~70
<b>Protection Level</b>	IP65
<b>Wireless firmware update</b>	Yes
<b>Usable pages</b>	8
<b>LED color</b>	Red, Green and Blue, 7 colors can be displayed
<b>Wireless connectivity</b>	Private Protocol
<b>RF Wireless Communication Parameters</b>	Working Frequency: 2400MHz ~ 2480MHz
<b>Communication mode</b>	AP
<b>Communication Distance</b>	Within 20m (Open distance: 50m)



## What Challenges Can Digital Buffet Signage Address?

Is manually updating buffet labels eating up your time and resources?

In a typical hotel buffet, menu items can change up to three times per day—requiring approximately 150 labels and nearly two hours of work daily. The repetitive process of printing and replacing paper tags is not only inefficient but also difficult to sustain with consistency.

Are you struggling with last-minute menu changes or inaccurate dish labels?

Unexpected ingredient shortages or mid-service discovery of mislabeled items can lead to rushed corrections, added stress, and operational disruption.



## What Problems Would You Solve with electronic buffet signage?

### Short-staffed and short on time?

With the current hospitality labor shortage, every minute matters. Reduce manual effort and reclaim valuable time by automating label updates.

### Need to comply with allergen disclosure regulations?

Accurately displaying allergen data is not only a legal requirement—it's also a complex and error-prone process when handled manually.

### Preparing to welcome international guests?

Creating multi-language labels under time constraints is often a bottleneck that affects both service speed and guest experience.



# Effirox Displays: The Smart Solution to Paper Label Problems

Transform your restaurant or catering business with innovative digital buffet signs. This smart solution delivers triple benefits:

- ✓ Modernizes your operations while reducing costs, labor, and time
- ✓ Ensures compliance with allergen regulations while meeting evolving guest expectations
- ✓ Provides a sustainable, long-term alternative (3-5 years) to problematic paper labels

**Contact Us**

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