



EP075A



EP075B

Description

The EP series is a complete digital nameplate solution integrating hardware, software, and a mobile app. Using low-power Bluetooth and optional NFC, it delivers content to a dual-sided 7.5-inch E Ink display with wide viewing angles and high contrast. Designed for ultra-low power consumption, it replaces paper or LCD nameplates, enabling remote updates, centralized control, eco-friendly operation, and greatly improves meeting efficiency.

Features

- 7.5" E-Ink Display : Available in 3-color (black/white/red), 4-color (black/white/red/yellow), or 6-color (black/white/red/yellow/blue/green) screen options, all featuring high contrast, wide 180° viewing angle, and zero glare.
- Ultra-Low Power Consumption : Operates over 24 months with one recharge (test condition : 5 refresh/day).
- Wireless Connectivity : Supports Bluetooth Low Energy (BLE) for wireless content updates.
- Configure content on-site via iOS and Android app or deploy at scale with optional gateway and centralized management software.

Applications

Perfect for use in financial institutions, corporations, government offices, press briefings, auditoriums, and conference rooms.

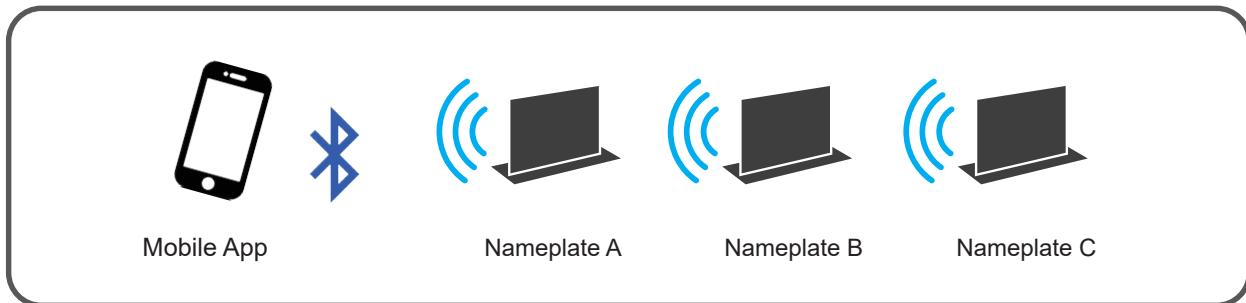


Specifications

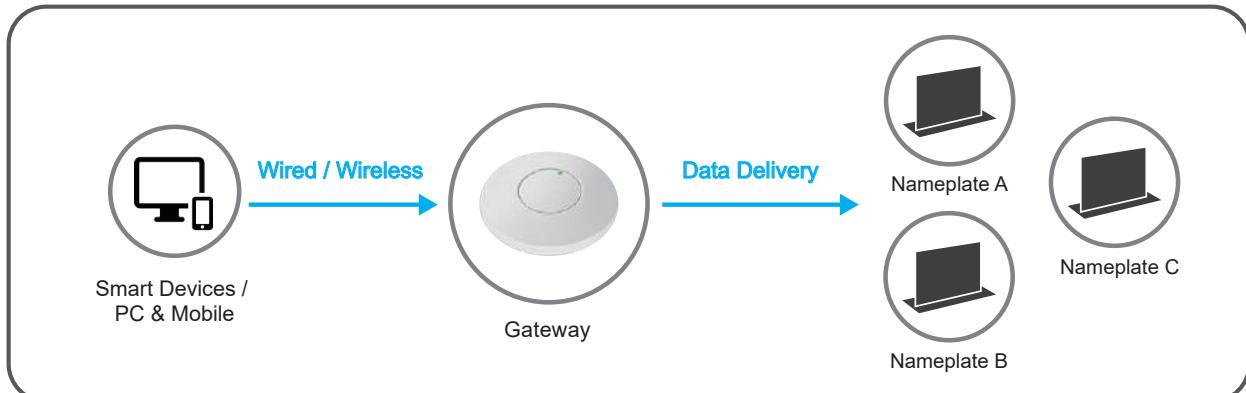
Category	Specification	Parameter
Dimension	size	EP075A - 176.0 × 124.0 × 60 mm EP075B - 178.0 × 123.0 × 86 mm
Display	Active Area	162 mm (H) × 98 mm (V)
	Resolution	800 × 480
	View Angle	180-degree
	Color Support	EP-075AT/EP-075BT Black/White/Red EP-075AF/EP-075BF Black/White/Red/Yellow EP-075AS/EP-075BS Black/White/Red/Yellow/Blue/Green
Recharge Function	Supply voltage	3.1-4.3V
	Battery Type	High-capacity polymer lithium battery
	Charging Method	TYPE-C, single charge lasts up to 2 years (based on 5 refreshes/day)
Communication & Transmission	Protocol	Bluetooth Low Energy (BLE)
	Transmission Distance	Up to 35 meters (open indoor space)
	Control Method	Direct communication with mobile phones/tablets/handheld terminals or multi-site deployment via gateways.
	Supported Platforms	Mobile App (Android/iOS) or Management program
Operating Conditions	Operating Humidity	50% ± 20% RH°
	Operating Temperature	0°C~40°C
	Storage Temperature	-20°C~60°C

System Connection Diagram

Transmission Option #1



Transmission Option #2



No.182, Sec. 2, Yuanlu Rd., Sihu Town 514, Changhua County, Taiwan Tel:- +886-4-8613883, FAX:- +886-6-8828209, Email:- sales@amplimic.com.tw
Home Page : <http://www.amplimic.com.tw>