

E-PAPER DISPLAY FOR BUS STOPS

SMART AND ENERGY-EFFICIENT PASSENGER INFORMATION



E-paper technology is an ideal solution for sustainable, low-effort public information: excellent readability in daylight, minimal energy consumption and operation without constant maintenance.

EPD displays show timetables, line schematics and real-time bus arrivals — at a fraction of the power cost of traditional digital signage. They are an excellent choice for municipalities modernising infrastructure sustainably, without printed posters and manual changes.

4 W POWER CONSUMPTION	13,3" MODULE DIAGONAL	LTE REMOTE UPDATES	-15...+65 °C OPERATING TEMPERATURE
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KEY FEATURES

Minimal energy consumption

Powered by 12–24 V DC with extremely low standby consumption.
Content remains visible even without power.

Readable in all conditions

Excellent readability in direct sunlight, anti-glare surface and LED frontlight for night-time visibility. Always-on display.

Reliability and durability

Designed for 24/7 operation with a long lifespan and minimal maintenance. Tempered cover glass with UV protection.

Flexible content

Bus arrivals, timetables, line schematics, maps and pictures.
Updates via the LTE network, remote content management through a web interface.

Smart integration

Integrates with existing passenger information systems. Replaces printed timetables and maps — in cities and rural areas alike.



Open-frame design: the module is ready for integration into existing showcases, totems or custom enclosures — with M5 mounting points, LTE antenna and DC power block.

TECHNICAL SPECIFICATIONS

Display type EPD B/W, 13.3"

Resolution 1600 × 1200 px

Pixel pitch 0.169 mm dot spacing

Illumination LED frontlight

Module dimensions 285 (H) × 213 (W) mm

Weight approx. 2.8 kg

Power supply 12–24 V DC

Consumption 4 W

Data connection mobile network (LTE)

Temperature –15 °C to +65 °C

Humidity 10–90 %

Lifespan min. 1,000,000 refreshes

MODULE VERSIONS



SINGLE MODULE
1 × EPD 13,3"

One display for timetables and real-time arrivals. A compact choice for smaller stops.



DOUBLE MODULE
2 × EPD 13,3"

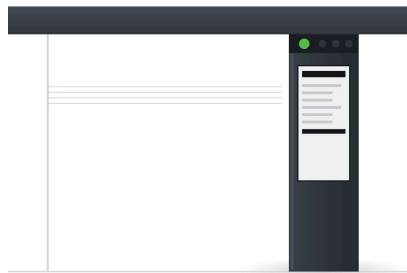
Two displays mounted one above the other — more space for arrivals, line schematics and notices.

INTEGRATION OPTIONS



TOTEM

A standalone totem at the stop — an information point with line markings.



INFO PILLAR

Integration into a shelter pillar or a standalone information pillar.



SHOWCASE

Integration into an existing timetable showcase — digitalisation without replacing equipment.

Custom integration: the open-frame module can be integrated into custom-built enclosures and existing street furniture. The display configuration is fully adaptable to your passenger information system.

REQUEST A QUOTE

We advise on version selection, integration options and connection with your passenger information system.

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www.zaslon-signage.com

TECHNICAL DRAWING

Zaslon EPD-BW-13,3/A/V1 · open-frame · 213 × 285 × 55 mm (W × H × D)

