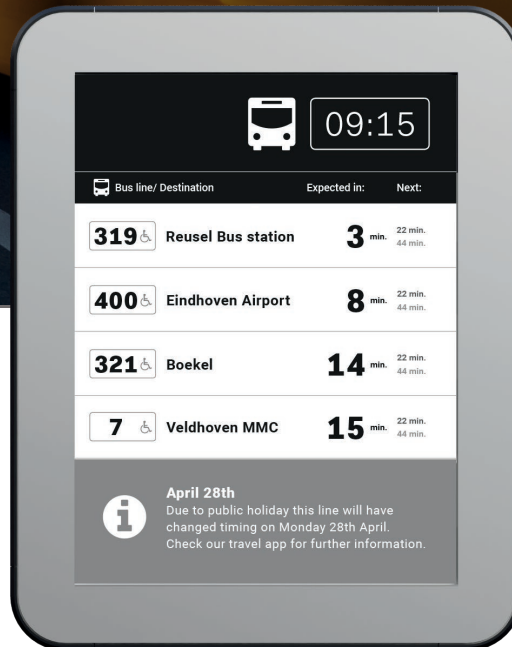


ePaper enables smart, ecofriendly Passenger Information for cities in motion



**ePaper Passenger
Information System
13.3" display**

 **Busstop**
Edition 2019/2020

EPIS, introduced in 2014, is a stand-alone, low-power ePaper display system for real-time passenger information and timetables. Using E Ink display technology it enables remotely controlled timetable information. A smart and environmentally friendly solution, which can be powered 'off-the-grid' by solar panels with battery backup and MpicoSys-developed intelligent battery management system. MpicoSys also developed and introduced updates in below zero (upto -15 C) in 2014. Now benefit from years of experience on updating displays, introducing new displays, server setup and maintenance, data reduction and services.

**An all new ePaper
13.3-inch display.**

**The only fully
customizable system.**

**Updates at low and high
outside temperatures.**

**Highly flexible,
any image, anytime.**

**No infrastructure required -
works 'off the grid'.**

**Lowest power consumption
in the market.**



Simply add functionality and design

As a design and engineering company, MpicoSys is an expert in providing additional functionality. The built-in RS 485 enables driving other products (e.g. environmental sensors), additional buttons and functionality like text to speech, enlarge text and messaging. Additional design options are front finishes: bored, stamped, engraved or printed.

Size and weight	Dimensions (WxHxD)	300 x 400 x 70 mm
	Weight	7 kg (excl. power supply)
Mounting	Multiple pole and wall mounting options and safety lock available	
ePaper Display	Resolution	1200 x 1600 pixels
	Active area	203 x 270 mm
	Greyscales	1 bit greyscale (2 colors)
	Display type	Reflective
	Illumination	Optional
	Ambient light sensor	Optional
Benefits	Full Content Flexibility	Any Image possible
	Power consumption	23 mA @ 12V (from 15 sec update)
	Data latency	10 seconds
	Data usage RTI system	<200 Mb/month (on dedicated server)
Temperature proof	Display updates from -15 °C up to +50 °C	
Rugged protection	IP 65 / EN 60529 water and dust protection	
	Extruded aluminium, Laminated Safety Glass, Anti-graffiti Protective film	
Communications	Network	2G, WIFI, POE
	Antenna	External
Power options	Mains, Mains and solar, Solar and battery	
	Power supply connector	4-pin connector (IP65)
Server options	Dedicated server (enabling data reduction) and Shared server Easy connect (REST API)	
Data security	Pre shared key authentication server-sign	
Graphical flexibility	No template limitations - Any image any time Messaging (even amber alerts with photo)	



Largest ePaper Passenger Information installation worldwide

MpicoSys has an established installed base since 2014 in Denmark, when updating ePaper displays in **below zero temperatures** was introduced. In the modern city of Copenhagen **more than 1.000** solar powered ePaper displays provide passenger information, updated by MpicoSys servers, **the largest installation worldwide.**



MpicoSys Low Power Innovators

A leading development and engineering company offering complete solutions in ultra-low-power and no-power technologies. Well known for its experience in contactless data and power technologies, as well as for mastering of applications of ePaper displays in products and services. MpicoSys technology is used in hundreds of thousands of electronic shelf labels, luggage tags and other custom products.

MpicoSys ensures systems and data security, offering advanced cryptographic authentication and authorization for ultimate protection. A worldwide network of partners and suppliers, including industry leaders in various markets, enable fast and high quality market entry of innovative products and services.

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