



## 8 Hamburg -Altona

# 4 min

ARR 18:10  
DEP 18:15



ICE 70	18:42 Freiburg	19:50 Mannheim Hbf
	19:10 Baden-Baden	20:30 Frankfurt Hbf
	19:25 Karlsruhe Hbf	21:15 Fulda

1st

2nd

A B C D E F

## 57" OPEN FRAME E-PAPER DISPLAY (WIDE)

Ruggedized IP65 open frame e-paper displays are available with wireless and solar capabilities as standard, designed to offer the ultimate flexibility to enable installation within the customers own street furniture or as standalone displays. Available with optional illumination, interactivity and text-to-speech modules.

### GENERAL

Dimension (L×H×W)	1398 × 460 × 50 mm
Weight	33.8 kg (74.5 lb)
Mounting type	Embedded (VESA 2x 200 M8)

### DISPLAY

Display resolution	RGB 5120 x 1440 pixels Greyscale 2560 x 720 pixels
Active display area	1380 × 390 mm
Pigment	RGB (4 bit levels for each RGBW channel) Greyscale (16 levels of grey)
Display type	Reflective
Illumination	Embedded LED front illumination, adjustable
Ambient light sensor	Optional

### ENVIRONMENT

Operating temperature	Greyscale: 0°C to +50°C (32°F to +122°F) Black & white: -15°C to +70°C (-5°F to +158°F)
Protection	IP65

### CONNECTIVITY

Communication	Mobile network or WiFi or Ethernet
Mobile network	3G or optional 4G/LTE
Mobile network antenna	Internal (external antenna optional)
WiFi (optional)	Dual band (2.4/5 GHz) 802.11 ac/b/g/n
WiFi antenna (optional)	Internal / external
Ethernet (optional)	10/100/1000 Mbps

### ELECTRICAL

Power supply	12 V DC (from AC mains via power supply) or 12 V DC solar panel
Power consumption (1 min data update)	100 mA (without illumination) 200 mA (illuminated)
Power consumption (Text-to-speech)	180 mA (without illumination) 280 mA (illuminated)
Power consumption (User interaction)	200 mA (without illumination) 300 mA (illuminated)
	Support for full shutdown with timer
Power supply connector	Male 5-pin circular waterproof
Ethernet connector	Ethernet circular waterproof

### GET INSTANT AND ACCURATE INFORMATION TO YOUR PASSENGERS AT EVERY BUS STOP ACROSS YOUR NETWORK

Papercast's range of solar powered e-paper bus stop displays can be quickly and easily installed 'off-grid' and wirelessly connected to the advanced content management system.

#### Integration

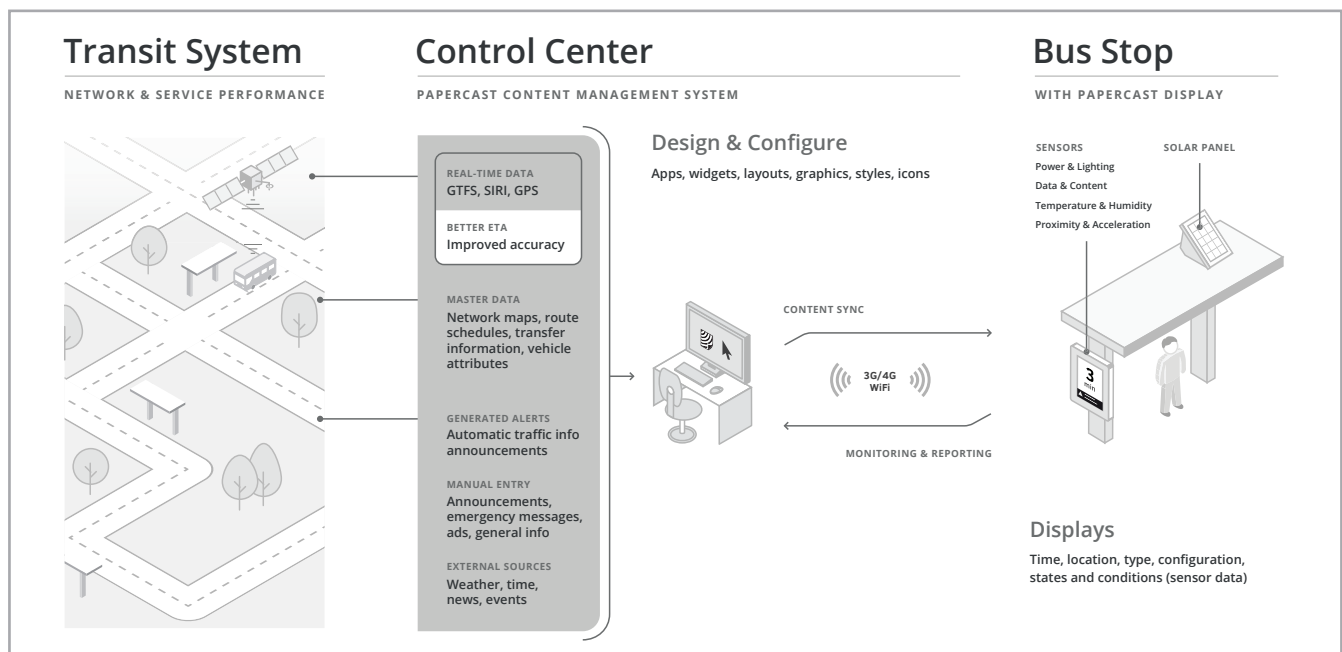
Easy integration with open data feed standards such as GTFS, GTFS RT or SIRI

#### Content

Intuitive graphic design tools for clear and visually striking travel information

#### Control

Monitor, manage and report on every aspect of your displays in real-time



### How Papercast helps you to innovate the bus stop, your way!

Papercast offers complete flexibility with a wide range of optional configurations, features and enhancements.



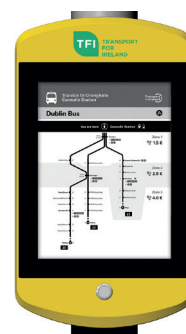
#### Display Options

Wide range of display sizes and configurations available



#### Customisation

Produced to fit with your brand or street furniture



#### Superior Experience

Easily design a wide range of valuable travel information

#### Illumination

Embedded LED lighting for screen visibility in the dark

#### Interactive

Buttons allow users to browse information and languages

#### Text-to-Speech

Verbally announces essential travel information