



Enabling society to grow sustainably

More than half of the world's population lives in cities. As urban areas grow rapidly, developing public transport is a key factor in creating a sustainable society. The more people can travel by public transport, the less strain we put on both environment and infrastructure.

Axentia develops cutting edge real-time display systems for public transport. Unlike other systems, most Axentia displays can operate entirely on batteries or solar power. This allows for greater freedom in developing urban as well as rural areas.

The innovative iBus display from Axentia brings a new dimension into public transport information. Real-time information services can now be afforded over larger areas, bringing up to date information to all the places where it has previously not been economical feasible to implement real-time information services.



Highlights

Cost efficient

- Simple installation: No wiring required
- Long operation; 3 years between battery replacements. No recharging needed.
- Uses existing mobile networks
- Low maintenance and procurement costs

Flexible

- Battery powered
- Speaker functionality option

Useful

- Displays basic relevant information
- Time information and text messages
- Can replace paper schedules
- Information for up to 128 bus lines

Practical

- Weather and vandal resistant casing
- Simple configuration and administration
- Compact display module suitable also for integration

Technical specifications overview

Physical	
Colour:	Colours on demand
Size (H, W, D):	410 x 490 x 50 mm
Weight:	Approx. 10 kg
Environmental:	
Temperature:	-30° C to 70° C operational
Humidity:	10 % – 100 %
MTBF:	80.000 hours
IP65, IK 09, UV-proof	
Display	
Type:	LCD with backlight
Row active area:	367 x 41,5 mm
Row resolution:	172 x 16 pixels / row
Single sided, 3 rows	
Accessories / options	
Text-To-Speech embedded module, speaker and wireless push button, AGC optional	
GPS positioning	
Graphical Information	
Fully configurable graphical area	
Font size height up to 41,5 mm	
Any characters, fonts and symbols	
Number of characters for Line/Destination/Time customizable	
Vertical scrolling	
Disruption messages up to 400 characters	
Operation	
Battery:	Lithium
Battery life time:	+36 months
Data communication:	Mobile communication
Antennas:	Embedded