

Information and display systems

## DFI PASSENGER INFORMATION



The dynamic passenger information display (DFI) is a fully graphic LED display that is particularly suitable for use at public transport stops where more than one line runs. The use of high-quality LEDs, optionally in yellow/amber, white or red, guarantees very good readability, even in full sunlight. Content can be positioned anywhere on the display. The DFI displays stored fonts as proportional fonts with optimised spacing.

### HIGHLIGHTS

- » Text display: scrolling text, flashing, alternating text and inverse display
- » integrated sensor for brightness detection
- » LED viewing surface made of ball-proof, anti-reflective Makrolon or VSG glass
- » black printed passe-partout all round
- » parameterisable fallback level in the event of transmission faults

## TECHNICAL DATA

### GENERAL DESCRIPTION

Product designation	Dynamic passenger information display (DFI) – fully graphics-capable
Area of application	outdoor application

### DIMENSIONS / WEIGHT

Width x height x depth	950 x 535 x 150 mm
Weight	depending on appliance type approx. 50 kg

### LED PANEL

LED display	fully graphic-capable indicator, power LED (SMT) optional LED colour yellow / amber, white, optional red very good legibility even in full sunlight
LED visible surface	4 lines: 776 x 266 mm 2-line: 776 x 138 mm
Background colour of the display board	black
Resolution	192 x 64 pixels
Module size	64 x 16 pixels, 32 x 16 pixels
Grid dimension	4,0 mm
Angle of radiation	> 120°
Brightness	at least 800 cd/m <sup>2</sup> , typically 1,100 cd/m <sup>2</sup>
Brightness detection	via integrated sensor per side
LED control	smooth display thanks to energy-saving > 500 Hz multiplex control

## TECHNICAL DATA

### HOUSING

Housing	aluminium housing with hollow chamber profiles ventilation system with dust filter
Exterior colour	powder coating in RAL according to customer requirements
Front windscreen	ball impact-resistant Makrolon or laminated safety glass (VSG), anti-reflective with a circumferential passepartout, printed in black
Locking system	gear interlock with 3-edge actuation in the lower area
Opening	hinged sash with gas strikes

### GENERAL TECHNICAL CHARACTERISTICS

Temperature range	-25° C to +85° C integrated temperature monitoring with overtemperature protection
Power supply	230 V / 50 Hz
External data supply	integrated LTE / GSM modem with external antenna
Interfaces	Ethernet TCP / IP, RS485, RS232 one additional RS232 service interface
Approvals	CE