

Display for mobility applications

LED DFI



The dynamic passenger information display (LED 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

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

DIMENSIONS / WEIGHT

Dimensions (W x H x D) [mm]	950 x 535 x 15
Weight [kg]	ca. 50 (depending on appliance type)

LED-PANEL

LED Display	fully graphic-capable indicator, power LED (SMT) optional LED colour yellow/amber, white, red very good legibility even in full sunlight	
LED visible surface [mm]	2 lines: 776 x 138	4 lines: 776 x 266
Module size [px]	2 lines: 32 x 164	4 lines: 64 x 16
Background colour of the display board	black	
Resolution [px]	192 x 64	
Grid dimension [mm]	4,0	
Angle of radiation	> 120°	
Brightness [cd/m ²]	at least 800 / typical 1.100	
Brightness detection	via integrated sensor per side	
LED control	smooth display thanks to energy-saving > 500 Hz multiplex control	

HOUSING

Housing	aluminium housing with hollow chamber profiles ventilation system with dust filter
Exterior colour	powder coating in RAL according to customer requirements
Front glass	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 bis +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