

On-board Internal LED Display

LED displays can be installed in various positions of the train, including the front, sides and inside of the train. It is used to display the train number, destination station, next station, as well as other promotional texts and emergency messages.

- Support multi-language display, and can display two languages in two lines simultaneously.
- The displayed information can be synchronized with the automatic station announcement.
- The text content, size and font are editable.
- Support the industrial integration of double-sided screens.
- Support the integration of cameras.



Technical Parameters

Items	Specification
LED parameter	
Pixel pitch	2.5mm, 4mm
Scanning mode	1/16 dynamic scanning
Brightness	≥1000cd/m2

FOV	Horizontal 140°, Vertical 140°
Display color	Full-color
General	
Power Supply	DC24V (-30%~+25%) or DC72V (-30%~+25%) or DC110V (-30%~+25%)
Operating Conditions	-25 °C to 70 °C, humidity less than 95% (non-condensing)
Power	≤40W
Communication interface	2x10/100M Auto-negotiation Ethernet interfaces
Character display	Recommended character display size 16 rows (with 16 rows and 8 columns making up one English character), 24 rows (with 24 rows and 12 columns making up one English character) 32 rows (with 32 rows and 16 columns making up one English character)
Customized parameter	
Integrated Configuration	Supports integration with camera and dual-sided screen
Character Display	Supports single-language display, dual-language switch-display, and dual-language simultaneous display. Recommended character display size 16 rows (with 16 rows and 8 columns making up one English character), 24 rows (with 24 rows and 12 columns making up one English character) 32 rows (with 32 rows and 16 columns making up one English character)

* The listed parameters are standard configurations and supports customized development.