DS-TME4XX Series Entrance & Exit Station

Introduction

DS-TME4XX series Entrance & Exit Station is a management system used for data acquisition and management of entrance & exit and parking lots. Through interaction with the software, the station can control the entrance & exit and manage the parking lot effectively. It is composed of audio output module, LED display module, main control module, vehicle detection module and power supply module. Peripheral devices such as analog camera, capture camera, barrier gate, remote card reader, alarm device, etc. can be connected to realize the vehicle passing, charging and management.

Features and Functions

- Embedded LINUX operating system and modular design to guarantee the long-time and stable operation of the system
- Various charging standards configurable to distinguish the charging standards for different vehicle
- Flexible management strategies for vehicle entering and exiting with various vehicle passing rules to satisfy the requirements in different situations
- Alarms when there are no enough cards and no card left to avoid the traffic jam caused by card lack
- Stops card dispatch automatically when there is no available parking space to control and manage the vehicle number
- Reads/Writes card even in disconnected network condition to realize offline charging
- Voice prompt of the charges to reduce the workload of staff
- Integrated with vehicle detection module to detect and control vehicle when loops are connected
- Abundant peripheral interfaces to connect various peripheral devices to apply to multiple situations
- Backup and restoration to avoid duplicate configuration

Applicable Models

Model	Functions
DS-TME401-TPL	Entrance station, supporting taking ticket, LED display, voice prompt, etc.
DS-TME402-TPL	Exit station, supporting barcode scan, LED display, voice prompt, etc.
DS-TME401-TL-S	Entrance station, supporting LED display, voice prompt, etc.
DS-TME402-TL-S	Exit station, supporting LED display, voice prompt, etc.
DS-TME401-TRL	Entrance station, supporting automatic card dispatch, LED display, voice prompt, etc.
DS-TME402-TRL	Exit station, supporting automatic card collection, LED display, voice prompt, etc.

Typical Application
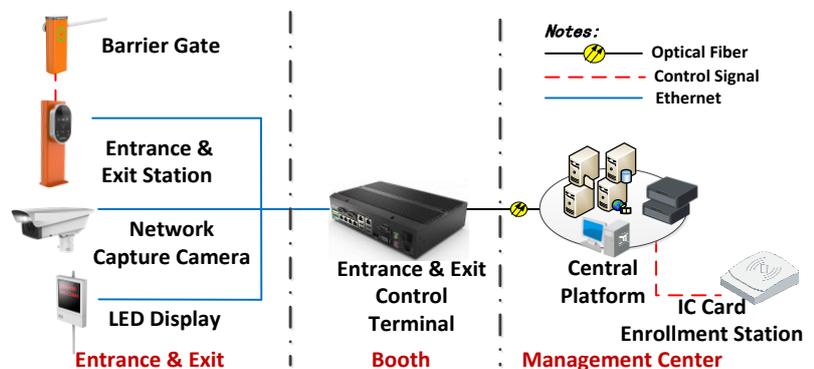
Specifications

| System	
Operating System	Embedded Linux operating system
Operation Interface	VGA, WEB
Indicator	24V power supply indicator, 12V power supply indicator, mainboard alarm indicator, HDD read/write indicator, mainboard running status indicator
Input/Output Parameters	
Analog Video Input	2-ch, SD BNC input
Network Video Input	4-ch, IP camera input
Audio Input	1-ch, pickup input
Audio Output	1-ch, loudspeaker output
Alarm Input	2-ch, alarm input
Alarm Output	2-ch, alarm output
Reserved Interface	1-ch, fire alarm input and alarm output
Interfaces	
Barrier Interface	1, barrier Interface, including barrier control and status feedback
Inductive Loops Input Interface	1, inductive loops input interface
LED Interface	1, external LED interface
Card Reader Interface	1, user card reader interface
Vehicle Detector Interface	1, vehicle detector interface
Wiegand Interface	2, Wiegand interface
Loudspeaker Interface	1, loudspeaker interface
RS-232 Interface	1, RS-232 interface
RS-485 Interface	1, RS-485 interface
USB Interface	2, USB 2.0 interface
VGA Interface	1, VGA interface
Network Interface	1, 100M Ethernet interface
Function Parameters	
Memory Card	Up to 350 memory cards supported
Display	LED electronic display
Display Dimension (W × H)	305 × 76 mm (12.0 × 3.0 inch)
Data Storage	Information storage of the passing vehicle Storage capacity: 1 GB
Data Upload	Data upload and video stream transfer
General	
Power Supply	100 to 240 VAC, standard
Consumption	< 150 W
Device Dimension (W × D × H)	410 × 350 × 1405 mm (16.1 × 13.8 × 55.3 inch)
Working Temperature	-25 ºC to +75 ºC (-13 ºF to +167 ºF)
Working Humidity	10% to 90%

Dimensions

(Unit: mm)
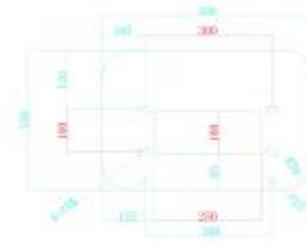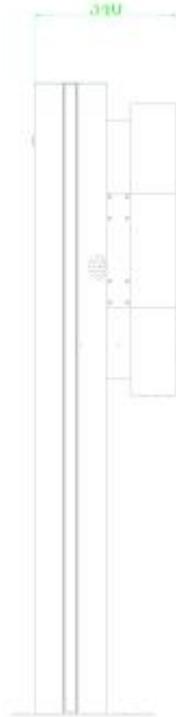
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