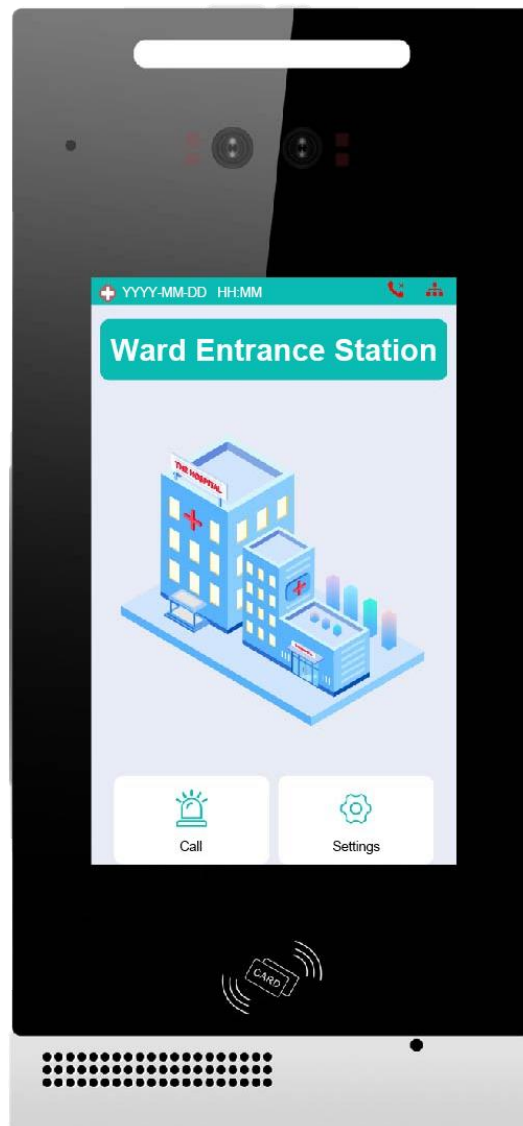


MC7121

8" Ward Entrance Station



Description

The MC7121 8-inch Ward Entrance Station is designed for ward entrance communication and access management in intelligent healthcare environments. It enables visitors to make audio and video calls to the nurse station through an intuitive 8-inch touchscreen, allowing medical staff to communicate with and identify visitors before granting access. With integrated card and face recognition, door unlocking control, and TCP/IP-based communication, the MC7121 provides a secure and efficient communication interface between ward entrances, nurse stations, and the intelligent ward intercom system.

Features

- **Audio & Video Intercom:** Supports two-way audio and video communication between the ward entrance and nurse station for clear visitor identification and communication.

- Nurse Station Calling: Enables visitors to directly call the nurse station for assistance or access authorization.
- Card & Face Recognition: Supports card access and face recognition, with mask and liveness detection for enhanced access security.
- Door Access Control: Provides door unlocking control with configurable unlock countdown for convenient and controlled ward access.
- 8-inch Touchscreen: Features a capacitive touchscreen for intuitive operation and convenient access to calling and device settings.
- Network-based System Integration: Uses TCP/IP communication and supports SIP, RTP, HTTP and other network protocols for integration with the intelligent ward intercom system.
- Centralized Device Management: Supports device binding and configuration through the backend system for centralized management and deployment.
- Flexible System Configuration: Provides configurable audio, display, network, server, access control, and other system settings.

Specifications

Model	MC7121
Product Name	Ward Entrance Station
Screen Size	8 inches
Resolution	800 × 1280
Screen Lifetime	≧ 50,000 hours
Main Chip	Quad-core Cortex™-A53, 1.8 GHz
Memory	1GB
Storage	8GB
Video Codec	H.264
Audio Codec	G.711 / G.722 / G.729
Network	10/100 Mbps adaptive
Communication Protocols	TCP, UDP, RTP, ARP, IGMP, HTTP, SIP
Interfaces	RJ45 × 1, RS-485 Interface × 1, Door Opening Interface × 1, Power Interface × 1, Serial Port × 1, USB Port × 1, DIP Switch × 1, SD Card Slot × 1
Touch Control	Multi-point capacitive touchscreen
Operating System	Android10
Working Voltage	DC 18–24V or standard PoE
Standby Power Consumption	< 7 W
Working Power Consumption	< 12 W
Operating Temperature	-40℃ ~ +65℃
Installation Method	Wall-mounted installation