



# **INTEGRATED SMART WARD SOLUTION**

DOCTOR-NURSE WORK IS MORE EASIER  
DOCTOR-PATIENT RELATIONSHIP IS MORE  
HARMONIOUS



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HUNAN ETER MEDICAL CO., LTD

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Creating Products with Love  
Building ETR Brand with Integrity  
Fulfilling Dreams with Passion



# COMPANY PROFILE

Founded in 2003, Hunan Eter Medical Co., Ltd. has developed into a state-level high-tech enterprise and software enterprise integrating the business of research, development, production and sales, and has successfully been listed on the NEEQ (National Equities Exchange and Quotations) with the stock code of 839074 in 2016.

The Company has passed CE certification and the ISO quality management system certification, and gained a variety of certificates, including ISO9001 Quality Management System Certificate, ISO13485 Medical Device Quality Management System Certificate, ISO14001 Environmental Management Quality System Certificate, as well as the national-level China Quality Credit Enterprise Certificate and AAA Credit Grade Certificate.

Adhering to the concept of caring for society and creating value with integrity, pragmatism and dedication, ETR's top R&D team has developed three series of products over the past decade, including the integrated solutions for IOT smart ward, the integrated solutions for medical gas system, the integrated solutions for digital medical cleaning engineering system, through independent R&D and production with market demand as the orientation. The years of hard work and accumulation have rewarded ETR with the title of industry leader in integrated solutions for digital wards.

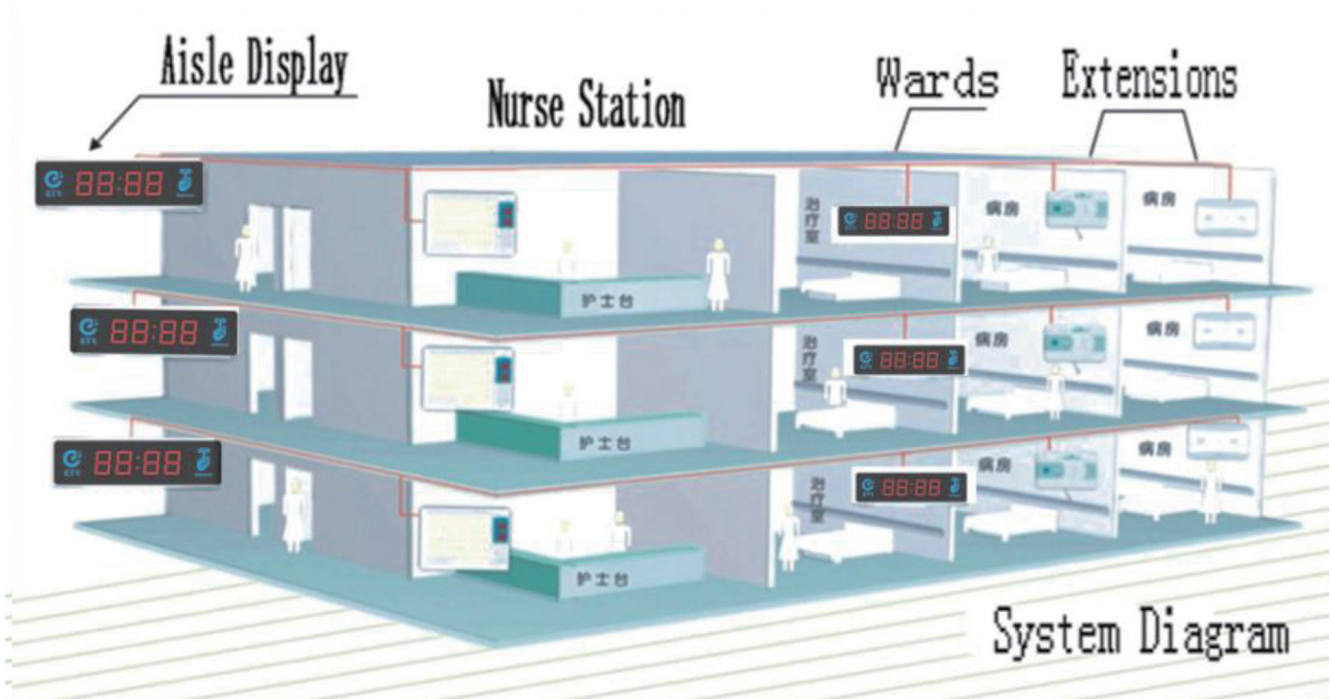
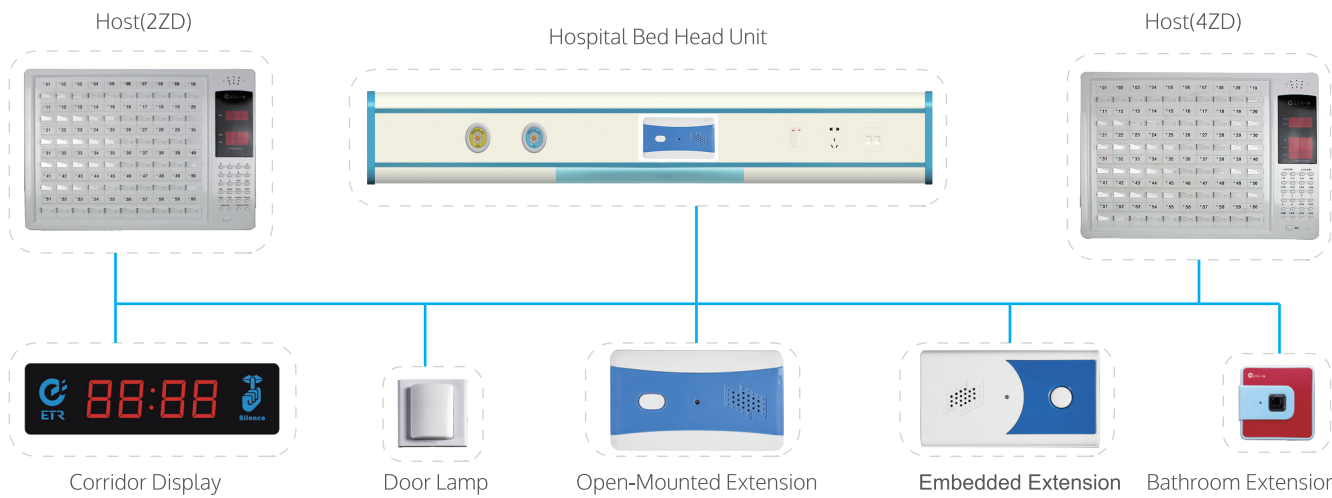
In addition to the domestic market, the ETR products have been exported to more than 60 countries in Southeast Asia, Africa, South America, the Middle East and other overseas markets. The after-sales service network covers more than 20 provinces and cities throughout the country, providing customers with after-sales services, quick response and other technical support services throughout the process.

ETR is committed to providing the users with top-quality products and services on the basis of orderly marketing after-sales service network.

# MEDICAL NURSE CALL SYSTEM

ETR 2 wires and 4 wires series nurse call system is designed for providing the communication between patients in wards and medical personnel in nurses offices in case of any peculiar conditions in hospitals. With cast-into-once deluxe plastic master telephone housing, innovative summary fixed mode, complete information electronic sum-

mary and audio number reporting system, it has higher performance-cost ration than those products of the same variety. Nurse call system consists of host, bed extension, corridor display, door lamp. Secondary host as well as optional modules (including broadcasting, music, bathroom extension) for realizing some peculiar functions.



## Main Functions:

- Numbering function
- Two-way call and talkback
- Simultaneously max receive calls from 60 bed extensions and 10 toilet extensions
- Volume is adjustable, can set low-volume period (night)
- Display Time & Date
- The times and rounds of host number-telling can be set freely
- Counting patient number and Inquiry calling record. (Optional model)
- The host displays the call bed number, bathroom extension call number and voice report. (Optional model)

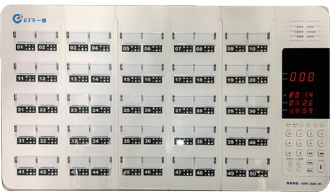
### ETC-2ZD

Size: 610\*430\*50mm  
Install on the desk or hang wall of nurse station



### ETC-258

Size:  
50beds: 700\*400\*52mm      70beds: 920\*400\*52mm  
90beds: 1140\*400\* 52mm      110beds: 1360\*400\*52mm



## Specifications:(60beds)

- Rated work voltage: 220V220V±22V 50HZ±1HZ
- Rated power: 15W
- Static state power consumption: 10W
- Working condition: Ambient Temperature 0℃ -40℃
- Relative Humidity: ≤85%
- Max communication distance: 200M

Host of 4 wires series

ETC-4ZB

Size: 610\*430\*50mm  
Install on the desk or hang wall of nurse station



ETC-4ZD

Size: 610\*430\*50mm  
Install on the desk or hang wall of nurse station



ETC-408B

Size: 30beds: 480\*400\*52mm    50beds: 700\*400\*52mm  
70beds: 920\*400\*52mm    90beds: 1140\*400\* 52mm  
110beds: 1360\*400\*52mm    Install on the desk or hang wall of nurse station



ETC-408D

Size: 30beds: 480\*400\*52mm    50beds: 700\*400\*52mm  
70beds: 920\*400\*52mm    90beds: 1140\*400\* 52mm  
110beds:1360\*400\*52mm    Install on the desk or hang wall of nurse station



Specifications:(60beds)

- Work voltage:Ac220V ± 15%, 50 Hz ± 1 Hz
- Max effective length of connection; 200m
- Main line voltage: 20V
- Working environment term: -10°C ~45°C
- Power rated: 15 W (no broadcast), 75W (broadcast)
- Related Humidity: =85%
- Quiescent power drain: 10W

Bed Extensions

ETC-2F/4FB02  
open-mounted extension  
124\*70\*14mm



ETC-2F/4FBQ01  
Embedded extension  
122\*74\*21mm  
Open Size:116\*67\*19mm



Features:

- The button can call and reset
- When calling the light shows red, and get-through the light shows green
- The optional functions of broadcast and music play can be got when the host enabled

Door Lamp(optional)

Size:70\*50\*35mm  
Green light slowly twinkles when  
bed extension calling  
Red light quickly the twinkles when  
toilet extension calling



Bathroom extensions(optional)

Size:97\*95\*24mm.  
Call, Reset.  
Push-button Type and Pull-cord Type  
Water proof, Emergency call for toilet and bathroom



Handle

Call, talkback, hang-up.  
Cannot work separately without bed  
extension



Corridor Display

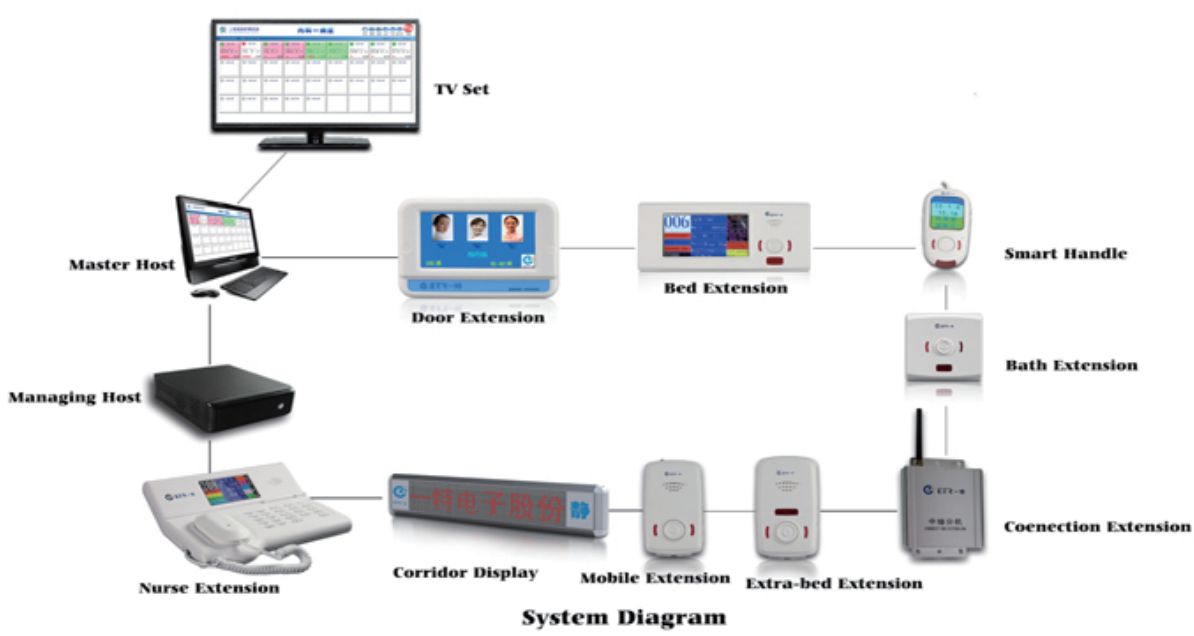
Size:726\*195\*26mm,  
indicate time and calling number,  
double side indicating





# WARD NURSING SYSTEM

Eter Ward Nursing System is an indispensable important part in hospital digitization construction,which not only provides the powerful communication among doctors ,nurses and patients,but also creatively offers the new functions of voice reminding,information issuing,information collection,information process,and etc,stretched hospital information system(HIS) to wards.This system has truly achieved a leap of nursing quality besides the greatly decrease of the work intensity of nursing staff



## Functions

- Two way talk-back
- Broadcast
- LCD graphic display
- Intelligent control
- Nurse management
- Patient list
- Statistics
- Calculator
- Volume period set of voice telling
- Point to point talk
- Information Issuing
- Record check
- Multicolor door lamp
- O: Uptake Timer (expendable)
- Wireless call (By Extra-bed extension)
- Bed music

## Mast Host

- Patient information input and issuing. Information storage, process and print
- Display patient list
- System settings
- Background music broadcast
- Can connect the LCD TV display to show patient information
- Can connect the HIS via network port to up-date automatically
- Usually install in the nurse working place



## Managing Host

- In charge of information transformation among master host and complements
- Receive and transmit wireless data. It is a background equipment of information transformation
- With MP3 player, wireless receive and transmission mould, bus control mould inside



## Nurse Extension

- Show calling number
- Receive, talk, and hang up the call
- System settings
- Numbering the extension
- Show the statistics information of the ward area
- Broadcast for wards area



Bed Extension



5 inch



4.3inch

- Show patient information (name, age, responsible doctor, responsible nurse, nursing level, diet method, medical insurance level, sickness state level, drug allergy, security alert level, oxygen uptake time.)
- Call forwarding

Door Extension



10.4inch



7 inch

- Show the room number and the beginning bed No. and last bed No. of this room. It can replace the door plate
- Equipped with multicolor door lamp. Can indicate different situation by different color
- Quick view of ward round record
- Hang up the call

Smart Handle

- Check and show the information of doctor's advice, diet and tips
- Connect the bed extension by USB multitap
- Make call, talk
- LED night light



Corridor Display

- Show Time
- Show calling bed No
- Show nurse location and other tip information. (Optional)



Bath Extension

- Make emergency call from bathroom
- Receive the signals of nurse arriving and ward inspection



Mobile Extension

- Voice number telling of wireless call
- Send the signals of ward inspection
- Hang up call
- Night nursing



Extra-bed Extension

- It can make wireless call
- It is used when extra beds needed in the ward



Connection Extension

- Rely and amplify the wireless signals
- It is a pure back ground equipment and there is no need of any manual inter ventions when installed



# IOT SMART WARD NURSING SYSTEM

Using two-wire technology networking, products are using advanced Android 6.0 operating system, with a high degree of flexibility and scalability.



## Nursing System Of Two-Bus Android Version

The Smart ward nursing system not only provides powerful and perfect communication functions for doctors, nurses and patients in a completely new way, but also creatively provides new functions such as voice reminding, information issuing, and information collection, bedside screen scanning code payment, automatic data upload and information processing with simple and multi-way connection with the testing equipment in the ward. The extension of hospital information management (HIS) system to ward is realized, which is an indispensable part of hospital digital construction. While greatly reducing the work intensity of medical staff, the quality of medical care has been greatly.

### Management Host

- Various extension management functions
- The HIS system can be connected to realize information reading and publishing
- Centralized centralized control center of network cable system
- Professional level voice call effect, support extended external speakers
- Support the expansion of general telephone, with call intercom, caller display function
- With lightning protection, surge prevention, short circuit protection, groundingprotection
- overload protection and other multiple protection circuit system



### Nurse Extension

- 10 inch touch screen
- The overall display of patient information in ward
- Received and answer ward calls, Partitioned broadcast
- Bed management, level management, personnel management, information management
- Call log, operation log, oxygen query log, ward inspection log, call query log
- Content Setting of Corridor display, door extension, bedside extension





## Door Extension

- 13 Inch Super-large high-definition LCD screen, resolution ratio 1920×1080
- Sending pictures, text, video and voice messages through wireless networks
- The call information can be processed
- Quick ward check
- Automatically showing the nurse entering the room and lighting the display,turn off the light automatically if nobody coming
- If patient calling, the nurse can pick up & talkback at the nearest door
- According to the different levels of Bathroom extension and bedside extension call, different color can be set up



## Rock Arm Bed Extension

- 13.3 Inch Touch Screen
- With rocker arm and easy operation
- Call talkback, call transfer, treatment information inquiry, patient information display
- Hospital service survey, vital signs data collection and uploading, examination results query. Support the satisfaction survey of nurses' work, oxygen automatic timing,infusion monitoring
- Nurses' location automatically records the number and time of nurses' service
- Received Character, voice, video broadcast information, reinforce help requirement broadcast



## Bath Extension

- Make emergency call from bath room
- Large size call button
- Indicator display
- IPX7 waterproof



## Bed Extension

- 7 Inch Touch Screen
- Call talkback, call transfer, treatment information inquiry, patient information display
- Hospital service survey, vital signs data collection and uploading, examination results query. Support the satisfaction survey of nurses' work, oxygen automatic timing,infusion monitoring
- The bedside screen automatically switches brightness at the set time in the evening, and display patient information
- Nurses' location automatically records the number and time of nurses' service
- Received Character, voice, video broadcast information, reinforce help requirement broadcast
- The color ring ramp light can display the nursing level, setting backlight time



## Handle Of Bed Extension

- Red call button for patient to call nurse
- Green dressing change button, nurses know patient service needs in time
- Illumination button, turn on the led light, for patient lighting at night



## Extra-Bed Extension

- It is used when extra beds needed in the ward
- It can make wireless call



## Mobile Extension

- Voice number telling of wireless call
- Hang up call
- Send the signals of ward inspection





# NURSING INTELLIGENT INFORMATION BOARD

The intelligent patient information board system is a customized reminder module based on the characteristics of the department. The displayed content is inseparable from the daily work of the nurse.

The intelligent patient information board system is connected with the hospital HIS system to release the work reminder information and patient information of the ward nursing in real time, reducing the daily workload of the nurses, eliminating the need for nurses to check the doctor's orders or related information and let the nurses have more time to serve patients and improve work efficiency. Accurate and timely release information on ward nursing work, reduce nurse workload, and improve sharing of ward nursing information. Improve the efficiency of nursing management by applying the "visual management" tool

The screenshot shows a digital interface for a doctor's station. It includes a header with the system name and time. The main area is divided into several sections: a patient status overview with color-coded indicators (green for stable, yellow for attention, red for emergency), a list of nursing tasks with checkboxes, and a section for doctor information and contact details. The interface is clean and organized, designed for quick access to critical information.

Doctor Station Intelligent Board

Retrieve the information that doctors need to know from the hospital HIS system timely, doctor input information so that understand the relevant situation of patients and wards

The screenshot displays a digital interface for a nurse's station. It features a header with the system name and time. The main area is divided into sections: a patient status overview with color-coded indicators, a list of nursing tasks with checkboxes, and a section for nurse information and contact details. The interface is clean and organized, designed for quick access to critical information.

Nurse Station Intelligent Board

Comprehensively display the nursing information of the department, display the nursing content in real time, automatically update the nurses' shift content, reduce the nurses workload , improve the nurses' work efficiency, and completely replace the work mode of nurses' handwritten

The screenshot shows a digital interface for nursing department management. It includes a header with the system name and time. The main area is a large table displaying a weekly schedule of nursing tasks and staff assignments. The table is organized by date and time, with columns for different shifts and rows for different nursing tasks. The interface is clean and organized, designed for quick access to critical information.

Nursing Department Management Board

Check the patient condition at any time. Nursing data statistics, automatically uploaded. Release information to nurse stations timely. Convenient for refined management

The screenshot displays a digital interface for medical department management. It features a header with the system name and time. The main area is a large grid displaying patient status data across multiple departments. The grid is organized by department and patient status, with columns for different departments and rows for different patient statuses. The interface is clean and organized, designed for quick access to critical information.

Medical Department Management Board

Set up electronic display screen in the medical department or conference room, display of statistics on work dynamics, staff distribution, and hospital safety management. to assist the Ministry of Medical Affairs to grasp the medical work of the hospital in real time

## Functions:

- 01 Nursing Checklist**  
Accurate and clear understanding of nursing work
- 02 Job Posting**  
Medical staff supplements release of information not extracted in systems such as HIS
- 03 Patient Information Card**  
Electronic display of patient basic information and medical record information
- 04 Nursing Statistics Assessment**  
Automatically save daily care work data and generate reports
- 05 Electronic Shift**  
Medical workers directly use the information board system to electronic shift
- 06 Health Education**  
Play educational videos on health training, knowledge, etc

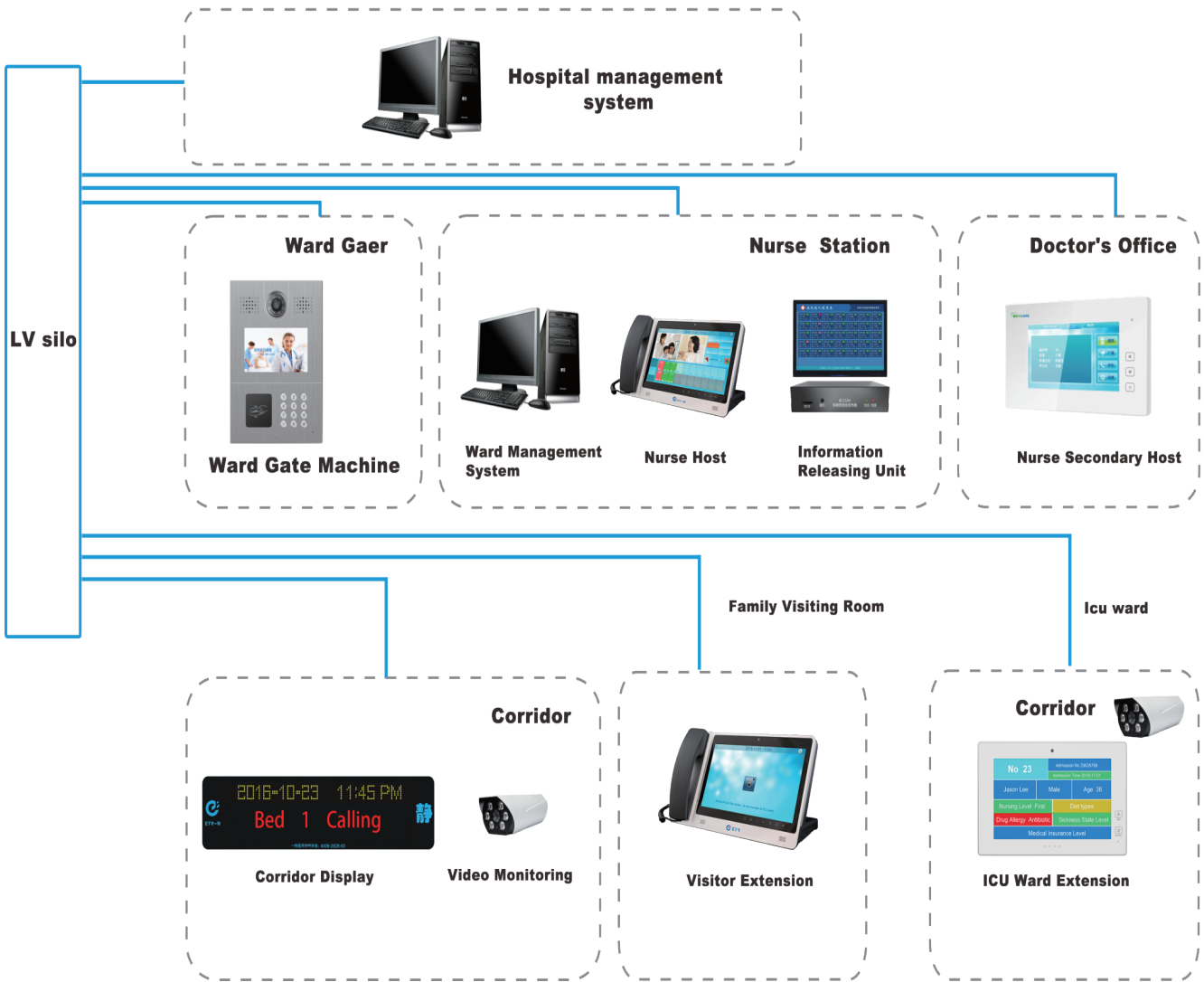


## Advantage

# ICU VISITING SYSTEM SOLUTIONS

They mainly consist of ICU Management Center, Medical hosts, visiting extension, ICU extension, etc to achieve visiting interphone functions.

The ICU ward visiting interphone system is used in intensive care units at big hospitals. Family member visiting areas are provided in the custody zone so two-way video talk can be performed between family members and patients; by Internet access, family members' remote visits to patients can be achieved. The nursing station can check patients' conditions at any time by mainframes to reduce the intensity of work and to attain the goal of strengthening visits to patients



## Handle Of Bed Extension

- 10.1 touch screen,High-end and beautiful interface
- Manage 20 visiting extensions at the same time
- Has call forwarding function
- Call the hospital bed and intercom
- Low illumination CMOS color camera
- Set the extension talk time
- Call timing function
- HD video intercom
- External headset
- When the patient's family and the patient are talking, they can monitor and monitor



## Visitor Extension

- 10.1 touch screen,High-end and beautiful interface
- Audio and video function
- Low-light CMOS color camera
- HD video intercom
- External headset
- One-touch calling



## ICU Ward Bed Extension

- Hanging or wall mounting, 10.1 inch touch screen
- Call the nurse station host and intercom
- External waterproof alarm button
- low-light CMOS color camera
- Audio and video function
- External headset
- HD video intercom
- Infusion alarm input interface

