KEYKING

LIFT CONTROL

Description

The LPU8110NT is a fully intelligent lift/elevator controller which can control access to each floor individually, based on an event or time period. It allows cardholders to select the floor(s) that they are allowed to enter, and the system will record each transaction. It provides many auditing reports, such as data on selected floors to ensure complete accountability. The system can be fully operational in a standalone mode, even during communication loss to the host PC. In offline mode, the controllers will have access to time schedules, authorization groups and even holidays and there will be no additional access level limitation

LPU8110NT

Order Information

LPU8110NT	16 Elevator Controller
Packing Information	■ LPU8110NT x1 ■ Manual Specificationx1 ■ QC Certificate x1

configuration

1. Sphinx4.3 Access control elevator management software
2. LPU8110NT Intelligent elevator controller
3. LPU8111 Elevator control expansion board
4. FPU8104 Floor signal collector

Features

■ 32 bit Processor, 2 watch-dogs
  Open Architecture Communication Protocol
■ Supporting up to 16 floors
■ Expandable up to 128 floors with 7 x LPU8111 Modules
■ Supporting up to 30,000 cardholders
■ Stores up to 200,000 transactions
■ Supporting Wiegand 24 to
■ 72 bits (Fingerprint, EM,
■ Mifare, Mifare CPU, HID
■ Proximity, HID iClass)
■ Supporting RS-485 and

■ TCP/IP Communication）

Applications

The LPU8110NT Lift Controller is very versatile and is suitable for other applications as well as Lift/Elevator control. These applications include floor control management, VIP cabinet management and employee locker control.
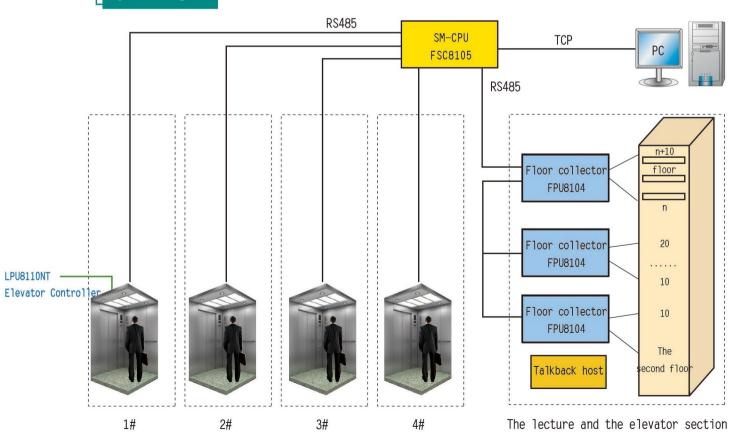
Specification

■ CPU: 32-bit microprocessor
■ Control layer: Layer 16 (up to 128 layers)
■ communication mode: RS485, TCP/IP。
■ Communication rate: TCP/IP communication，rate100M。
   RS485 9600 1，1，N
■ Terms of inspection: CRC-16
■ Storage events: 100,000
■ Support the card: 30000
■ Working voltage: 12VDC，3A
■ PCB dimension: 20(L)×14.5(W)cm
■ Temperature: -20℃–70℃

Advantages

■ Single Card In the KEYKING Integrated Security System, the user only needs one card. This single multiuse card can be used for Lift/Elevator Access, Door Access, Time & Attendance and Car Parking Applications.

■ Visit Function In each lift the customer can add a "Visit" function. In the normal situation when the user presents their card, the user can only go to the floor where they live. When the user has a requirement to visit more than 1 floor, then the user presents their card followed by the required floor button where they have been allowed access.

■ Temporary Card For visitors the operator can allocate temporary cards and set up the required visitor access level. The visitor access level includes the valid time, the authorized floor and the authorized lift.

■ Door Phone Function When a visitor without a valid access card calls the user through the intercom, the user can click the door button on the intercom to open the door. What happens then is the lift will automatically go to the ground floor, the visitor will enter and the lift will then automatically go to the users floor.

■ Real-Time Monitor All card events are shown on the control room operators monitor. When the user presents their card the operator can see the entire information particular to this user.

■ Record The Sphinx4 will store all the card events which can then be found at a later date through the filter function.

■ Fire Override On a fire alarm there will be no access limitation for any 。

System Diagram

The lecture and the elevator section