

SystemX 8862

Door Access Controller

/Introduction

Radix SystemX 8862 TCP/IP controller is a comprehensive solution for security and access control of corporation offices with Time & Attendance concerns. The 8862 TCP/IP controller supports and control LCD display of HID iClass/BioClass LCD Keypad Readers to provide a high end and complete solution to meets clients' needs.

SystemX 8862 makes decision by controller locally with up to 60,000 cardholders or transactions. It supports up to 2 doors with in and out readers, including a HID iClass/BioClass LCD Display Keypad Reader. It communicates SystemX.68 workstation with industrial standard RS-485 bus or TCP/IP network, allows flexible, efficient system configuration.

SystemX 8862 Controller supports individually or common power supply for PCB & electric device. The on board on/off switch and fused protects the circuitry in a safe condition. LED represents online communication status. It's built in high security door emergency open device, couple with random key switch and reset panel for complete and safe security installation requirement.

SystemX 8862 supports high security 64 bit card format for transit readers expanding application of using your local transit cards (like SONY Felica cards) system.



Features and Benefit	
Q Support up to 64 Bit Multi Reader format	Support Very High Security Card Technology
Q Support High Security Door Open Device	Provide High Security Installation
Q Support HID iClass/BioClass LCD Readers	Time and Message Display to Card Holders
Q Configurable Memory Allocation Up to 60,000 Cardholders and transactions	Fast and Reliable Operation for Standalone Control in Offline Mode
Q Local Alarm, Door Ajar Output	Instant Feedback Locally
Q On Board On/Off Switch, Fused and Thumbed Protection	Protect Your Investment
Q RS-232 / RS-485 / TCP/IP Network Collection	Flexible System Configuration
Q Firmware Upgradeable	Keep System Up-to-date
Q Multi Password Type for Cardholder	Enhance Security with Flexibility

Specifications

General

Input	Door Sensor Request to Exit Panel Tamper High Security Input Device
Output	Electric Lock (N/O, N/C Selectable) Alarm (N/O, N/C Selectable) Door Ajar (N/O, N/C Selectable) Controller Acknowledge
Reader	IN & OUT Wiegand Reader Up to 64 Bit RS-485 to HID iClass/BioClass LCD Display Keypad Reader
Data Communication	RS-232, Direct Connect to PC or Modem (Max. 15 Meter) RS-485, Controller to Controller and Controller to PC (Max. 1200 Meter) TCP/IP Network Connection to SystemX.68 Workstation
Memory	Up to 60,000 Transactions/Card Holders Records 100 Abnormal Door Open Transactions 300 Expiry Card Records
Time Zone	12 Access Control Time Zone, Mon to Sun, Holiday (4 Intervals Daily) Password Time Zone (2 Intervals Daily) Electrical Lock Time Zone (2 Intervals Daily) Alarm Time Zone (2 Intervals Daily) Door Ajar Time Zone (2 Intervals Daily) Request to Exit Time Zone (2 Intervals Daily)
Holiday Date	30 Holiday Dates
Anti-pass Back	Yes
Password	Individual Card Holder Password Global Password Anti-duress Password (Trigger Alarm)
Status LED	Yes
Firmware Upgrade	Yes
Backup Battery	Built-in Battery for Memory Backup (External Charger and Battery Needed for Power Backup)

Environmental and Electrical

Operating Temperature	0 deg C to 65 deg C
Operating Humidity	0 to 95% RH
Individual Power On/Off Switch	Yes
Fused Protection	Yes
Thumbed Protection	Yes
Power Requirement	12VDC, 1A
E-Lock Power Requirement	12VDC, 2A (Depends on Lock Specification)

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the local Radix distributors or dealers. Radix shall not be liable for damages resulting from misapplication or misuse of its products.

Models

Item Code	Description
8862	SystemX 8862 Access Controller, Two Doors, Support Four Weigand Readers Up to 64 Bit / Three Weigand Readers Plus One HID iClass/BioClass LCD Display Keypad Readers.
8862.IP (8862+NC600)	SystemX 8862.IP TCP/IP Network Controller, Two Doors, Support Four Weigand Readers Up to 64 Bit / Three Weigand Readers Plus One HID iClass/BioClass LCD Display Keypad Readers with TCP/IP Connection Module.
8862-X (8862+8700P)	SystemX 8862 Access Controller Package, Support 2 Doors, Including Professional Metal Enclosure with Tamper Switch, Key Switch, 12VDC 1+2A Power Supply with Charger, which Support 7.2Ah Back Up Battery.
8862.IP-X (8862+NC600+8700P)	SystemX 8862.IP TCP/IP Network Controller Package, Support 2 Doors, Including Professional Metal Enclosure with Tamper Switch, Key Switch, 12VDC 1+2A Power Supply with Charger, which Support 7.2Ah Back Up Battery.
8200.68	SystemX.68 Software
8210.68	SystemX.68 Software with Time & Attendance Function
NC600	TCP/IP Network Module for Site Upgrade from 8862 to 8862.IP
8700P (PSU-1+CAS-1)	Professional Metal Enclosure with Tamper Switch, Key Switch, 12VDC 1+2A Power Supply with Charger, which Support 7.2Ah Back Up Battery.
PSU-1	12VDC 1+2A Power Supply with Charger for CAS-1
CAS-1	Professional Metal Enclosure with Tamper Switch, Key Switch which Support 7.2Ah Back Up Battery.

System Schematic

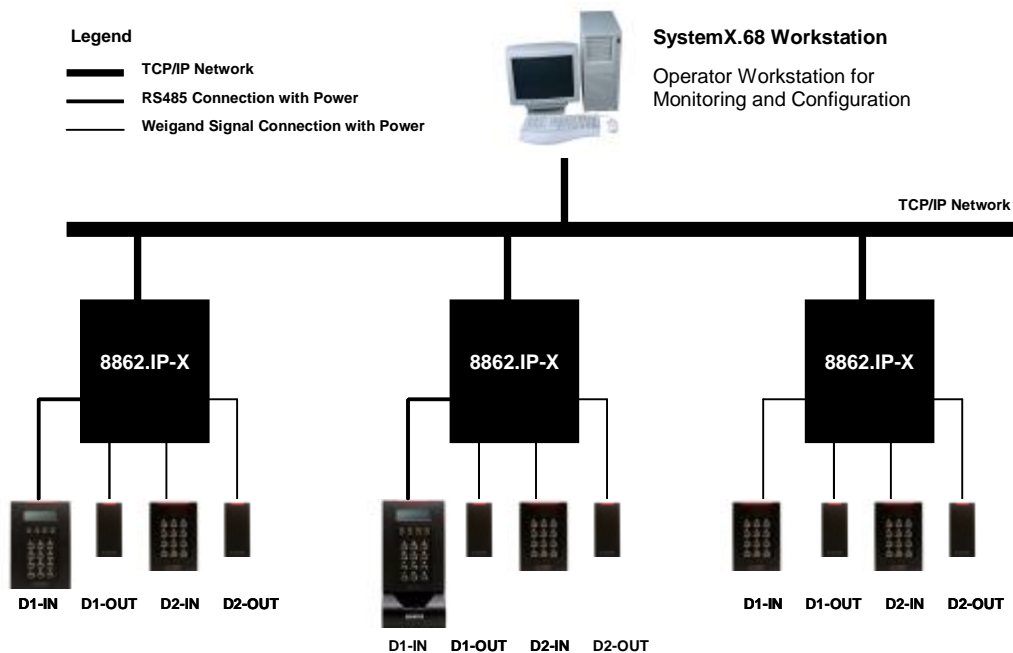


Fig 1. System Schematic for 8862.IP controllers connected a System.68 Workstation.