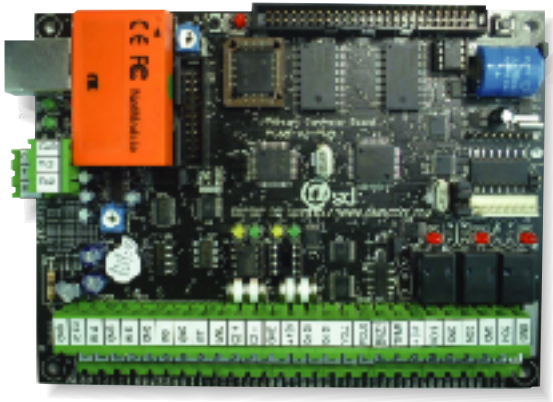


EP.N2000 Ethernet Controller



Overview

Ethernet Controller

EntryPass N2000 is an Ethernet access controller that allow users to communicate via any TCP/IP platform such as LAN/WAN.

The system architecture is designed for premises that utilize structured cabling as their primary communication platform.

The system architecture is designed for premises that spread across larger geographical boundaries.

Users can utilize existing TCP/IP platform as their unify protocol to link and communicate via any LAN/WAN environment easily. Thus users does not need to lay additional RS485 cabling.

The controller is designed base on modular and open platform concept and therefore support almost any reader technologies available in the market.

Model No

EP.N2000.PCB 2 Readers Ethernet Controller (Board Only)

EP.N2000.PSU 2 Readers Ethernet Controller c/w Power Supply Unit

Key Features

Network Ready

User friendly controller built in with Ethernet module that is almost plug and play in any TCP/IP platform.

Two Doors Configuration

N2000 is very flexible and cost effective which is configurable in single door mode with in/out readers or two doors mode with in reader only.

Card Users & Transactions

N2000 supports a minimum of 10,000 users and 15,000 transactions with expandable memories ready.

I/O Functions Available

N2000 are built in with 4 digital inputs, 4 supervised inputs and 3 relay outputs.

Ethernet Communication

Built in with 1 Ethernet port which allow communication speed up to 10Mbps.

IP Address Setting

All N2000 controller is programmable and via IP address.

External Watchdog Function

All N2000 controller are equipped with external watchdog function.

Minimum Support

Built in with surge protection up to 20kA, reverse polarity protection for incoming power and AC failure indication.

Support Various Reader Technologies

N2000 controller can support almost any reader technologies in the market such as Wiegand, HID iClass, MIFARE, ABA track II, Integrated keypad and etc.

Technical Specification

Dimensions	: 30cm W X 30cm L X 8.5cm H (1' W X 1' L X 0.29' H)	Built In Real Time Clock	: Yes
Weight	: 4.5Kg (9.9 lbs)	Built In Calendar	: Yes
Memory	: 128K Flash Memory 1MB RAM (Expandable Up To 16 MB)	Internal Back Up Battery	: Yes
MCU Speed	: 16 bits 24 MHz	On Board Buzzer	: Yes
Card Users	: 10,000	Support LCD Display	: Yes
Transaction Events	: 15,000	Maximum Door Open/Release Time	: 99 Sec
Supervised Input	: 4	Allowed Arm/Disarm Delay Time	: 99 Sec
Relay Output	: 3	Allowed Siren On/Off Time	: 99 Sec
6 Digits Local Pin	: 3 Sets	Auto Lock Release By Time Zone	: Yes
Time Set	: 255	Exit Button Control By Time Zone	: Yes
Time Zone	: 255	Alarm Mode Control By Time Zone	: Yes
Access Level	: 255	Access Mode By Time Zone	: Yes
Holidays	: 60	Support Card Expiring Setting	: Yes
Facility Codes	: 3 Sets	Support Controller Programming Mode	: Yes
Power Protection	: Resetable Fuse	Data Download/Upload Via PC	: Yes
Surge Protection	: Yes (Up To 20kA)		

System Architecture

