IP-Based Door Module

OPEN OPTIONS
ACCESS TECHNOLOGY

NSC-200

(Mercury MR62e)

Features

- Utilizes a standard 10/100 Ethernet connection to communicate with SSP™ IP Series Controllers.
- Powered by PoE (IEEE Compliant 802.af) or optional external power supply.
- PoE power output for supplying power to peripheral devices such as readers and locks.
- Support for iClass, proximity, magnetic stripe, RS-485 and keypad readers.
- 1 reader ports and can support up to 4 readers (2 doors in/out) via OSDP only
- 6 programmable inputs support normally open, normally closed, supervised and non-supervised circuits.
- 4 relay outputs can be set for fail safe or fail secure operation.
- Uses strong encryption between NSC-200 and SSP™ Controller.
- MET Certified for UL-294 Compliance
- Plenum-rated enclosure meets UL94-5VA flammability standard.

Overview

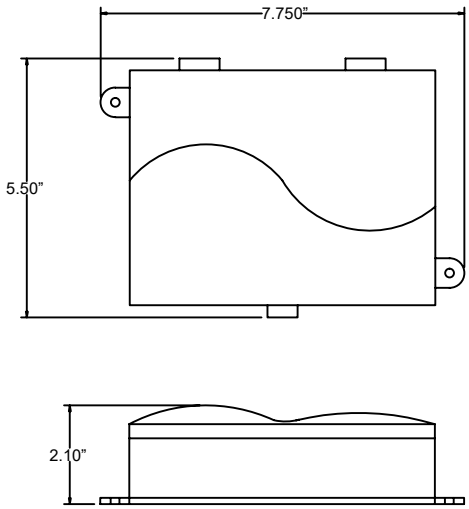
The NSC-200, network sub-controller, provides the interface between local devices at the door and the SSP™ IP Series Controllers on the local area network. Communication is accomplished via TCP/IP in the standard network environment.

The NSC-200 connects directly to the network with a standard RJ45 connection and supports four readers (2 in/out doors) or 2 separate doors, six supervised inputs and four output relays. The NSC-200 comes complete with pre-wired connection leads (primary and auxiliary) for quick and easy termination of peripheral devices such as card readers, motion detectors, etc. The NSC-200 also supports full Power over Ethernet (PoE) to supply power to electric locks, motion detectors, and other peripheral door devices.

The NSC-200 has built in support for most available reader technologies including but not limited to iClass, Mifare, Proximity, and magnetic stripe. In addition, the primary reader port supports RS-485 communication protocol for bi-directional and read/write capability.

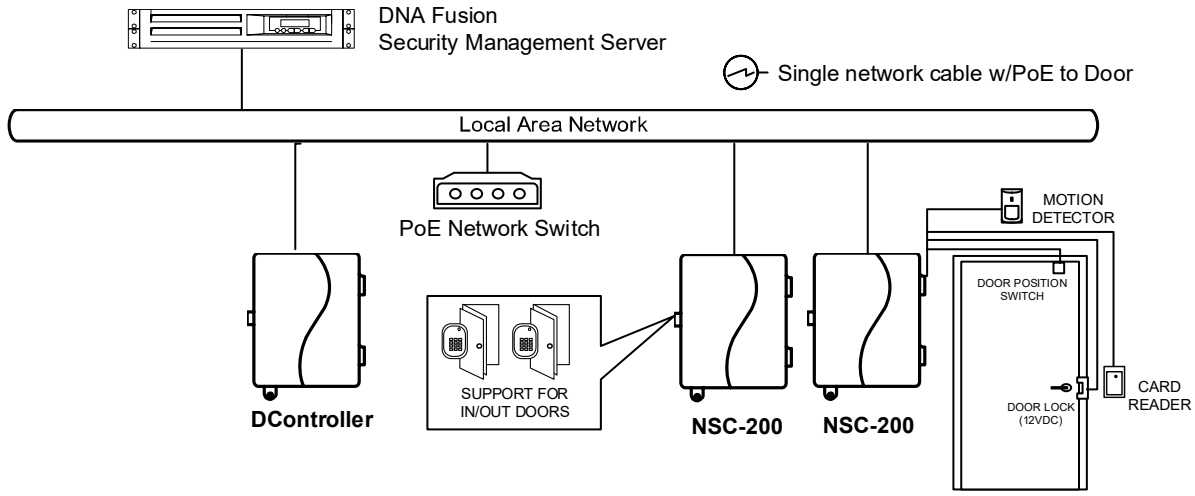
IP Door Module

Specification



Power Input	PoE (12.95W), Class 3, compliant to IEEE 802.3af -OR- 12 VDC ±10% 1.7A max Power Supply
Power Output	12VDC @ 700mA including reader and Aux. output.
Outputs	4 Form C contacts 2A @ 30VDC.
Inputs	6 programmable inputs, EOL 1k/1k ohm.
Reader Power	12VDC ±10%, 0.5A Max.
Reader Data	2-Wire RS-485, OSDP protocol, four devices maximum
Communication	10Base-T/100Base-TX
Dimension	7.75”L (197mm) x 5.50“W (140mm) x 2.1”H (53mm)
Weight	12.8 oz. (360g) (without cables)
Environment	
Temperature	-10˚C to +55˚C, storage; 0˚C to +40˚C, operating
Humidity	10% to 95% RHNC
Cable Requirements	
Power	(External, Non-PoE)18AWG, 1 twisted pair
Alarm Inputs	1 twisted pair per input, 30-ohm max.
Reader data (RS-485)	24AWG, 120-ohm impedance, twisted pair with shield, 4000ft (1,219m) max.

Application



OPEN OPTIONS
ACCESS TECHNOLOGY

www.ooaccess.com
Main: 877.818.7001
Support: 855.818.7001