

SPECIFICATIONS:

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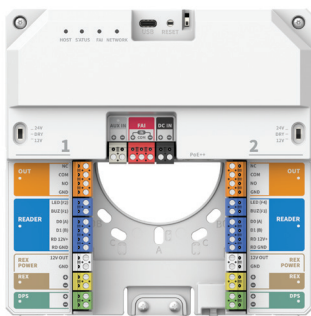
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# NHP-P200

Access Control IP Controller



## NHP-P200

### 2 Door IP Controller

**(2 Reader Ports, up to 9 General Purpose Inputs, 2 Outputs)**

High-performance, two-door network controller compatible with OnCAFE or Entry Guard Standalone Operations. Equipped with two reader ports with capacity for up to four OSDP readers, five supervision capable inputs, and up to four unsupervised OSDP Flex inputs. Unsupervised FAI Input for Output power drop. Two field selectable relay outputs capable of providing Wet(12/24VDC) or Dry contacts for maximum flexibility.

Engineered for reliability, the controller features built-in tamper monitoring, secured data retention, and communications through TLS 1.3 and AES-256 encryption. It supports up to 50,000 cardholders and 250,000 offline event cache entries, ensuring continued operation during network interruptions.

#### GENERAL

Operating Temperature	-20°C~+60°C (-4°F~+140°F)
Weight	2.87lbs (1300 Grams)
Dimensions	7.24" x 7.24" x 1.69" (184mm x 184mm x 43mm)
Regulatory Compliance	UL 294, UL 2043, UL 62368-1, FCC, CE, KC, UKCA, California Prop 65, SIA, IK10**IK10: Excluding conduit cover

#### NETWORK

Ethernet	1 - Dedicated RJ-45 (10/100 Base-T) Ethernet Port
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, NTP, HTTP, HTTPS, SSL/TLS, SMTP, ICMP, IGMP, SNMP V3 (MIB-2), ARP, DDNS, DNS, UPnP, Bonjour, LLDP
Security	Secure Boot, Firmware verification, TPM with FIPS 140-3 Level 3

#### ONBOARD I/O

Reader Port	2 - OSDP/Wiegand Reader Port (capable of supporting 4 OSDP Readers or 2 Wiegand Readers) OSDP™ Verified (v2.2.2) Legacy Wiegand Support
General Purpose Inputs	9 - 5 Supervised Inputs (2 Door Position, 2 REX, 1 Aux In) + 4 additional Unsupervised Inputs (When OSDP is used)
Dedicated Inputs	1 - Housing Tamper (built-in; removal of housing cover, removal from wall) 1 - FAI Unsupervised Input (For Power Drop)
Output	2- Dry / 12VDC/24VDC Field selectable power 30VDC @ Max 2A DRY, 12VDC @ Max 500mA WET, 24VDC @ Max 250mA WET

#### POWER

Input Power (VIN)	PoE+, 12VDC / 24VDC
Power Consumption	PoE+ : 5V @ Max 0.78A, 12VDC @ Max 3.5A / 24VDC IN @ Max 1.75A
Reader Port Power	12VDC @ Max 350mA (per port)
REX Power Output	2 ports, 12VDC @ Max 100mA (per port)

#### MEMORY AND CAPACITY

Memory	1GB DDR4, 8GB eMMC
Event History	250,000 (offline cache event)
Credentials	Server/Cloud Based: 50,000, EntryGuard: 400
Cardholders	Server/Cloud Based: 50,000, EntryGuard: 200

#### ACCESSORIES

Support Products	(SBP-060BA, Conduit Hole Adapter)
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