



NHP-P400

IP Controller

Key Features

- 4 Doors
- Direct-to-Cloud, StandaloneMode (EntryGuard) Communication Modes
- POE ++ Powered
- IK10 Rated
- 10 supervised inputs
- 8 unsupervised Flex Inputs (OSDP mode)
- 250,000 credentials storage capacity
- Single Wiegand or (2) OSDP Readers for each of the 4 ports
- Case Tamper, Mount Tamper , Fire Alarm Input (FAI) UL 294 rating
- 4 REX terminals with 12v Power
- TPM with FIPS 140-3 Level 3
- PoE++ 12vDC/24vDC volt flexible power input / Dry Lock output

NHP-P400

IP Controller



Specifications

Access

Doors	4 Doors
Elevators	Not supported
Credentials	250,000
Event History (offline event cache)	250,000

Hardware

Reader Ports	4
Reader Port Specs	Single Wiegand or (2) OSDP Readers per port
Reader Port Power	300mA@12VDC
Reader Port Protocol Support	Wiegand, OSDP v2.2
General Purpose Inputs	10
Input Specs	Supervised (1k/2kΩ)
OSDP Flex Inputs	8 (unsupervised)
General Purpose Outputs	5 (4 wet)
Wet Output Capabilities	Dry, 12VDC, 24VDC
Output Specs	2A@30VDC (Dry, per output), 500mA@12VDC (per output), 350mA@24VDC (per output)
Dedicated Inputs	Case Tamper (built-in), Mount Tamper (built-in), Fire Alarm Input (FAI)
REX Power Ports	4
REX Power Port Specs	12VDC 50mA

Operational

Host Communication Modes	Direct-to-Cloud, Standalone Mode (EntryGuard)
--------------------------	---

Network

Ethernet	RJ-45(10/100BASE-T)
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
Application Programming Interface	ONVIF Profile A, ONVIF Profile C, SUNAPI (HTTP API), Hanwha Vision Open Platform (HVOP)

Security

Network Security	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1X authentication (EAP-TLS, EAP-LEAP), SNMP v3, TLS 1.2/1.3
OS/Firmware Protect	Firmware verification, Secure Boot
Data Protection	Encryption at rest
Device ID	Device certificate (Hanwha Vision Root CA)
Security Certificate	TPM with FIPS 140-3 Level 3

Environmental & Electrical

Operating Condition	Temperature	-20°C~+60°C (-4°F~+140°F)
	Humidity	20~85% RH (non-condensing)
Storage Condition	Temperature	-50°C~+55°C (-58°F~+131°F)
	Humidity	Less than 95% RH
Input Voltage	12VDC, 24VDC, PoE+(IEEE802.3at, Class4), PoE++(IEEE802.3bt type3, Class6)	
Power Consumption	PoE++: Max 930mA, 12VDC: Max 5.08A, 24VDC: Max 2.58A	

Mechanical

Color	White
Material	Aluminum
Product Dimensions	240x194x65mm (9.45x7.64x2.56in)
Product Weight	2.2kg (4.85lb)
Certification	IK10 (Excluding Bottom Conduit Cover)

Certifications & Standards

Security	UL294, SIA OSDP Verified
EMC	FCC 47 CFR Part 15, Subpart B
Safety	UL 62368-1, ULc 62368-1, IC, KC
Environment	UL2043, California Prop 65, UKCA, CE

General

Webpage Language	English, Korean, French
Memory	8GB eMMC
Included Accessories	Quick Guide, Terminal Blocks, T20 Tool, FAI Cable Jumper
Warranty	5 years