

NHP-P100

IP Controller

Key Features

- 1 Doors
- Direct-to-Cloud, Standalone Mode (EntryGuard) Communication Modes
- PoE + Powered
- IK10 Rated
- 3 supervised inputs
- Up to 2 unsupervised OSDP flex inputs
- Built-in tamper monitoring
- Onboard power monitoring with memory retention
- Supports up to 50,000 cardholders
- 250,000 offline event cache
- Current draw: 480mA on PoE+
- Dimensions: 7.24" × 7.24" × 1.67" (184mm × 184mm × 42.5mm)
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Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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Specifications

Access

Doors	1 Door
Credentials	50,000
Event History (offline event cache)	250,000

Hardware

Reader Ports	1
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	3
Input Specs	Supervised (1k/2kΩ)
OSDP Flex Inputs	2 (unsupervised)
General Purpose Outputs	1 (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	1
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

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Security

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(IEEE802.3af, Class2), PoE(IEEE802.3af, Class3), PoE+(IEEE802.3at, Class4)
Power Consumption		PoE+: Max 480mA, 12VDC: Max 2.08A, 24VDC: Max 1.04A

Mechanical

Color	White
Material	Aluminum
Product Dimensions	184x184x43mm (7.24x7.24x1.69in)
Product Weight	1.1kg (2.43lb)
Certification	IK10 (Excluding Front Window)

Certifications & Standards

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

General

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

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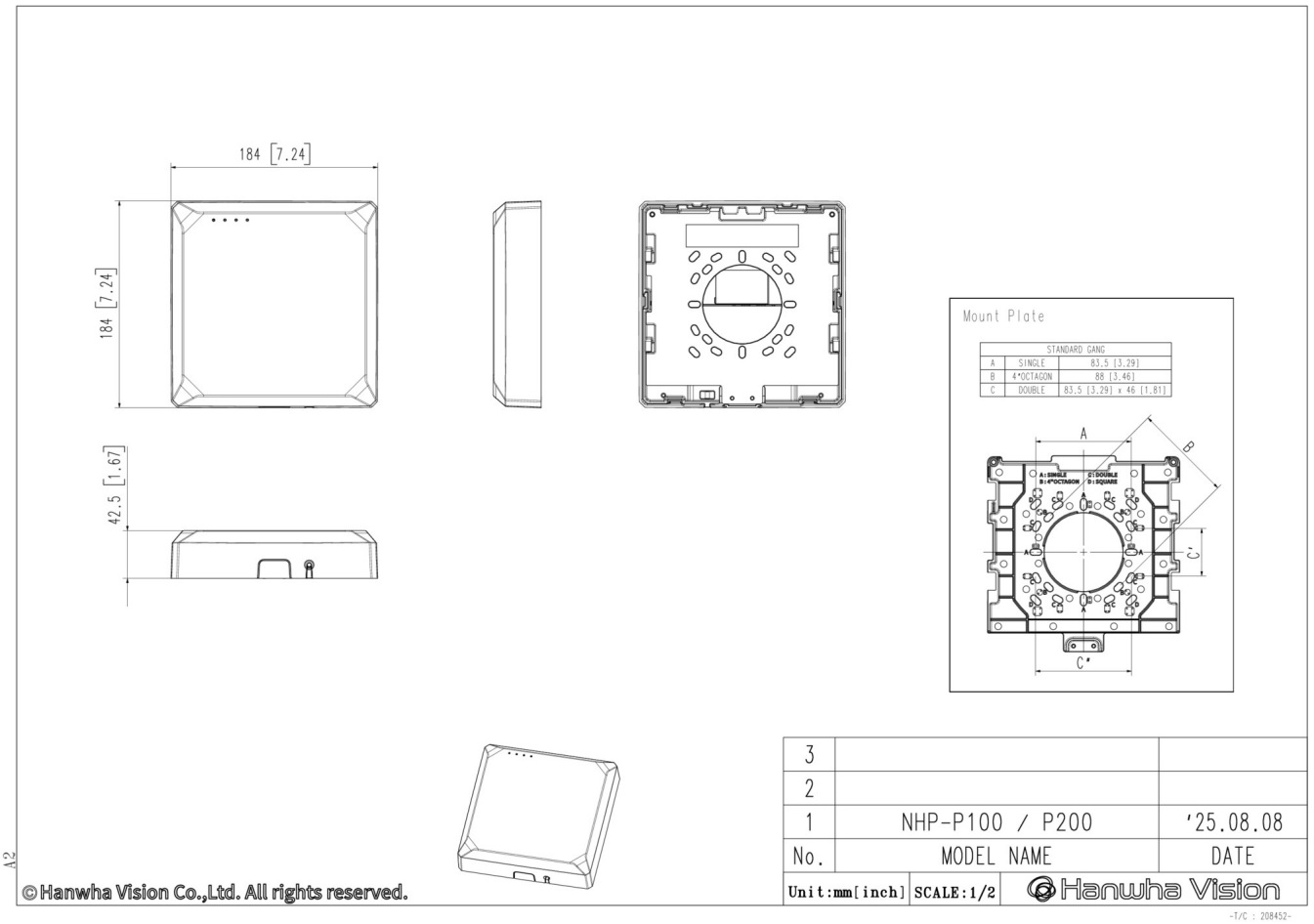
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CAD

Unit: mm [inch]



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