Navijin

DATASHEET

WIRELESS INFRASTRUCTURE / OUTDOOR ACCESS POINT

# NW-OAP625-1G

Outdoor Wi-Fi 6 wireless access point

PRODUCT PAGE

NW-OAP625-1G




| 2.4GHz: 800Mbps | IP65 | 150+ Clients |
|---|---|---|
| DATA RATE | PROTECTION GRADE | ACCESS USERS |

## Overview

The Navijin NW-OAP625-1G is a weatherproof outdoor Wi-Fi access point – Outdoor Wi-Fi 6 wireless access point. Key specifications include: Outdoor plastic metal shell; IP65 protection level; Up to 3000Mbps wireless data rate. It extends wireless coverage to courtyards, pools, parking areas, stadiums, campuses, ports and industrial yards, and can be managed centrally with Navijin controllers.

## Key Features

- Outdoor plastic metal shell
- IP65 protection level
- Up to 3000Mbps wireless data rate
- Support 802.11kvr seamless roaming
- Support WPA3 and 802.1x advance encryption

## Hardware Specifications

| | |
|---|---|
| **Dimensions** | 240mm x 204mm x 90.5mm |
| **Wi-Fi Standard** | IEEE 802.11b/g/n/ac/ax |
| **Data Rate** | 2.4GHz: 800Mbps<br>5.8GHz: 2400Mbps |
| **Operation Frequency** | 2.4G: 2400 – 2484MHz<br>5.8G: 5150 - 5850MHz |

| | |
|---|---|
| **Antenna** | N type connector, default is 6dBi omni antenna |
| **Transmit Power** | 2.4G: 11b≥27dBm/chain, 11n HT20≥24dBm/chain, 11ac HT40≥23dBm/chain, 11ax HT40≥17dBm/chain<br>5.8G: 11n≥26dBm/chain; 11ac≥23dBm/chain; 11ax≥18dBm/chain; |
| **Ethernet** | 1x 10/100/1000Mbps RJ-45 port, WAN/PoE |
| **Access Users** | 150+ Clients |
| **Power Supply** | 24V/1A PoE(IEEE 802.3at) |
| **Power Consumption** | <23W |
| **Operating Conditions** | Working Temp.: -20°C~55°C / Storage Temp.: -40°C~70°C / Humidity: 5%~95% |
| **Protection Grade** | IP65 |
| **Surge** | Comm. Mode: ±4KV / Differential Mode: ±6KV |
| **ROM** | 128MB |
| **RAM** | 512MB |
| **Button** | Reset button |
| **LED Indicator** | SYS(Red) / 2.4G(Green) / 5.8G(Blue) |

## Firmware Specifications

### Operation Mode

- AP / Router

### Wireless Functions

- 8x Multiple SSID functions
- Support 160MHz bandwidth
- Support hidden SSID
- Support seamless roaming, 802.11kvr standard
- Support 5.8G Prior for a faster Ethernet
- Support MAC filter, IP filter
- Support client isolation to improve the wireless stability

### IP Protocol

- IPv4/IPv6

### VPN

- PPTP, L2TP and OpenVPN(if works with AC controller)

### Firewall

- Port mapping, Host mapping, DMZ, Access control

### Security

- Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, 802.1x, WPA3

### SD-LAN

- Support when it work with AC controller

### Authentication

- Captive portal authentication
- Billing
- PPPoE authentication
- WiFidog authentication
- CMCC portal
- Radius server
- LADP server
- SMS authentication

### AP management

- AP group
- RF adjusting
- Network topology generates
- RF power setting
- Channel setting
- IP address setting

### Device Management

- GUI web management
- AC controller central and remote management
- Cloud central and remote management
- Support firmware back-up, restore, reset, upgrade

### Package

- 1x NW-OAP625-1G
- 4x 6dBi omni antenna
- 1x Cat 6 LAN Cable(1 meter)

**Warranty & support** Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com** · **sales@navijin.com**

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