Navijin

DATASHEET

WIRELESS INFRASTRUCTURE / OUTDOOR ACCESS POINT

NW-OAP625-2.5G

Wi-Fi6 3000Mbps High Power Outdoor Wireless

PRODUCT PAGE

NW-OAP625-2.5G



2.4GHz: 800Mbps	IP67	150+ Clients
DATA RATE	PROTECTION GRADE	ACCESS USERS

Overview

The Navijin NW-OAP625-2.5G is a weatherproof outdoor Wi-Fi access point – Wi-Fi6 3000Mbps High Power Outdoor Wireless AP. Key specifications include: Outdoor plastic metal shell; IP67 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
- IP67 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 5.8GHz: 2400Mbps
Operation Frequency	2.4G: 2400 – 2484MHz 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 5.8G: 11n≥26dBm/chain; 11ac≥23dBm/chain; 11ax≥18dBm/chain;
Ethernet	1x 10/100/1000/2500Mbps RJ-45 port, WAN/PoE
Access Users	150+ Clients
Power Supply	24V/1A PoE(IEEE 802.3at)
Power Consumption	<23W
Operating Conditions	Working Temp.: -40°C~55°C / Storage Temp.: -40°C~70°C / Humidity: 5%~95%
Protection Grade	IP67
Surge	Comm. Mode: ±4KV / Differential Mode: ±6KV
ROM	8MB_SPI_NOR Flash + 128MB_SPI_L NAND Flash
RAM	512MB
Button	Reset button
LED Indicator	SYS(Red) / 2.4G(Green) / 5.8G(Blue)

Firmware Specifications

Operation Mode

- AP / Router / Mesh

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-OAP625-2.5G
- 4x 8dBi 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**

Rev. 2026-11. Specifications are subject to change without notice. Navijin and the Navijin logo are trademarks of Navijin Technology Co. All other trademarks are the property of their respective owners. © 2026 Navijin Technology Co. All rights reserved.