



# ZN-7100-DE500-G

2X2 Dual Band  
802.11an Outdoor Access Point



The ZN-7100-DE500-G high integrated, outdoor 802.11ac wireless access point delivers exceptional performance. It supports a wireless transmission rate up to 600Mbps.

With an IP67 rated and lightning protected design, the ZN-7100-DE500-G can operate in harsh weather conditions.

ZN-7100-DE500-G is ideal for Wi-Fi deployment in areas such as campuses, parks, and tourist attractions.



## 29dBm High Power

Maximum transmit power can be up to 29dBm, bringing superior Wi-Fi signal coverage.



## Flexible installation

Provides various working mode which can be applied flexibly in different scenarios.



## Robust Product Design

Encased with IP67-rated robust design that can withstand harsh environments.



Standards	IEEE 802.11a/b/g/n/ac	
Radio Chains	2.4GHz: 2x2:2	5GHz: 2x2:2
Supported Data Rates	<ul style="list-style-type: none"> <li>- 802.11b: 1/2/5.5/11 Mbps</li> <li>- 802.11g: 6/9/12/18/24/36/48/54 Mbps</li> <li>- 802.11n: 300Mbps</li> <li>- 802.11ac: 300Mbps</li> </ul>	
Bandwidth	20 / 40 MHz	
Frequency Bands and Operating Channels	<b>Taiwan</b>	<b>US</b>
	2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.825 GHz; 5 channels	2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.825 GHz; 5 channels
	<b>EU</b>	<b>China</b>
	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.700 GHz ; 11 channels	2.412 – 2.472 GHz; 13 channels 5.745 – 5.825 GHz; 5 channels
	<b>Japan</b>	<b>India</b>
	2.412 – 2.472 GHz; 13 channels 5.500 – 5.720 GHz; 12 channels	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.865 GHz; 7 channels
*Operating Channel depends on configured regulatory domain.		
Max. Transmit Power	<b>2.4GHz</b>	<b>5GHz</b>
	29dBm	26dBm
*The maximum power setting will vary by channel and according to individual country regulations.		
Receive Sensitivity	11b: -96dBm / 11n: -92dBm / 11ac: -82dBm	
Antenna	4 x N-Type Connector	
Interfaces	2 IEEE 802.3u MDI/MDIX 10/100 Base-T Ethernet 1 SFP 1 Reset button 1 Ground terminal 4 N-type connector	
Power	<b>Power Consumption</b>	<b>Power Input</b>
	≤ 26W	802.3at (PoE+)



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## Specifications

IP Rating	IP67		
Physical Characteristics	<b>Dimensions</b>	<b>Weight</b>	<b>Mounting type</b>
	292 (L) × 230 (D) × 67 (H) mm	2.45kg	Pole mount
Environmental	<b>Storage</b>	<b>Operating</b>	
	Temperature: -40 – 60 °C Humidity: 10 – 95%	Temperature: -40– 70 °C Humidity: 10– 95% (non-condensing)	
Operating Mode(s)	TAP: Controller-managed mode FAP: Standalone AP mode		
Access Method	CAPWAP SNMP MIB Telnet FW upgrade(Web/FTP) Backup settings(Web/FTP)		

