

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the  
Federal Communications Commission****By:****Telefication B.V.  
Edisonstraat 12a  
Zevenaar, NL-6902 PK  
Netherlands****Date of Grant: 01/10/2018****Application Dated: 12/05/2017****ZyXEL Communications Corporation****No.2, Industry East Road IX, Science Park****Hsinchu,****Taiwan****Attention: Emma Bao , Section Manager****NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,  
and is VALID ONLY for the equipment identified hereon for use under the  
Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** I88WAC6303D-S**Name of Grantee:** ZyXEL Communications Corporation**Equipment Class:** **Unlicensed National Information  
Infrastructure TX****Notes:** **802.11ac Wave 2 Dual-Radio Unified  
Pro Access Point / 802.11ac Wave 2  
Dual-Radio Nebula Cloud Managed  
Access Point**

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
38 CC MO	15E	5180.0 - 5240.0	0.485		
38 CC MO ND	15E	5260.0 - 5320.0	0.176		
38 CC MO ND	15E	5500.0 - 5720.0	0.214		
38 CC MO	15E	5745.0 - 5825.0	0.65		

Class II permissive change: enabling 5250MHz to 5350MHz, and 5470 to 5725MHz. The 80MHz operation is added to multiple channels at 5290MHz, 5530MHz, 5610MHz, and 5690MHz.

Output power listed is conducted. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation and transmitter operating conditions for satisfying RF exposure compliance. Operations in 5150-5250 MHz band is for indoor use only. This device has 20/40/80 MHz bandwidth modes. The 80 MHz mode is limited to channel at 5210 and 5775 MHz.

38: This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).

