

**Certification
Issued Under the Authority of the
Federal Communications Commission
By:**

**CETECOM GmbH
Im Teelbruch 116
45219 Essen,
Germany**

Date of Grant: 08/07/2018

Application Dated: 08/07/2018

**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: I88N BG6615
Name of Grantee: ZyXEL Communications Corporation
Equipment Class: Unlicensed National Information Infrastructure TX
Notes: AC1200 MU-MIMO Dual-Band Wireless Gigabit Router

<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	0.4997		
38 CC MO	15E	5745.0 - 5825.0	0.6104		

Output Power listed is the maximum combined average conducted output power as indicated in the filing.

This device supports 802.11a, 802.11n and 802.11ac with 20 MHz, 40 MHz and 80 MHz bandwidth mode.

Device operates with specific antennas in 2x2 MIMO configurations as described in this filing.

RF exposure compliance is addressed for 1.1310 and 2.1091 MPE limits.

Integrators and End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

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.