GRANT OF EQUIPMENT CERTIFICATION
UNDER 47 CFR, PART 68
CONNECTION OF TERMINAL EQUIPMENT
TO THE TELEPHONE NETWORK
AND ADMINISTRATIVE COUNCIL FOR
TERMINAL ATTACHMENTS (ACTA) ADOPTED CRITERIA
Issued By:

Under Authority of the
Federal Communications Commission

MET Laboratories, Inc.
914 W. Patapsco Avenue
Baltimore, Maryland 21230

TCB TCB

TIA-968-B, TIA-1096, AND TIA-1096-A EQUIPMENT CERTIFICATION

Equipment Certification is hereby issued to the named Responsible Party and is VALID ONLY for the equipment identified herein for use under the FCC Rules and Regulations contained in 47 CFR Part 68, TIA-968-B, TIA-1096, and TIA-1096-A and ACTA Adopted Technical Criteria.
NOT TRANSFERABLE

FILE/CERTIFICATE NUMBER: **353-2-2019-102697**

CERTIFICATION NUMBER: US: GNIDFNANGXW450X

Responsible Party:	Grandstream Networks, Inc.	**Date of Grant:**	2/27/2019
Nature of Application:	Original		
Equipment Code:	DF		
Equipment Description:	Digital VoIP Gateway		
USOC Jack Connector(s):	RJ48	**AC REN:**	NAN

Trade Name(s)	**Model Number(s)**
Grandstream	GXW4504, GXW4502, GXW4501

Authorized Network Ports:
Facility Interface Code(s): NA
Service Order Code: NA

Subject to the provisions of 47 CFR Part 68, certification is hereby granted for the equipment listed herein. Any change in model number or trade name requires amendment of the certification. Each piece of equipment bearing the listed trade name(s) and model number(s) shall be labeled in accordance with the provisions of 47 CFR Part 68.300 and TIA/TSB168-A.

Telephone equipment containing radio frequency circuitry may require additional equipment authorization(s) to be issued prior to marketing such equipment in the United States. Failure to obtain the required equipment authorizations, when required, may subject the registrant to fines and penalties provided for in Table V, Section 501 and 503 of the Communications Act of 1934, as amended.

A COPY OF THIS CERTIFICATE MUST BE PRESENTED TO U.S. CUSTOMS WHEN ANY FOREIGN-MADE PRODUCTS IDENTIFIED HEREIN ARE IMPORTED INTO THE U.S. Correspondence concerning this grant, please refer to the FCC/ACTA Certification Number and the Date of the Grant

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Printed: 2/27/2019