

Date: 01/30/2019

Federal Communications Commission
 7435 Oakland Mills Road
 Columbia, MD 21046

RE: FCC Family Model Letter

FCC ID: YZZGXW450X

To Whom It May Concern:

Please be notified that we, the under signed, Grandstream Networks, Inc hereby declare that the reasons for this FCC multiple listing:

The (GXW4504/GXW4502/GXW4501) three models of Main Board and Lamp Board share the same PCB layout.

The number of E1/J1/T1 ports is different, the corresponding E1/J1/T1 port circuit devices will decrease, and the number of E1 LED indicator lights will vary with the number of interfaces.

- GXW4504 has 4 E1/J1/T1 ports
- GXW4502 has 2 E1/J1/T1 ports
- GXW4501 has 1 E1/J1/T1 port

CPU chip reporting differences:

The main frequency of GXW4504 is different from that of N3450 /J3455 and that of CPU used by GXW4502,GXW4501 is different from that of N3350/ J3355.

Model	Item Description	Placement	Type/Model	Manufacturer Name	Manufacturers Part Number	Remark
GXW4504	IC,QUAD-CORE INTEL CELERON PROCESSOR,N3450,12EUs,BURST FREQUENCY 2.2GHz,TDP 6W,SMD,FCBGA-1296	U10	N3450	Intel	FH8066802979803SR2Z6	
	IC,QUAD-CORE INTEL CELERON PROCESSOR,J3455,12 EUs,BURST FREQUENCY 2.3GHz,TDP 10W,SMD,FCBGA-1296	U10	J3455	Intel	FH8066802986102SR2Z9	Substitution
GXW4502/ GXW4501	IC,DUAL-CORE INTEL CELERON PROCESSOR,N3350,12 EUs,BURST FREQUENCY 2.4GHz,TDP 6W,SMD,FCBGA-1296	U10	N3350	Intel	FH8066802980002SR2Z7	
	IC,DUAL-CORE INTEL CELERON PROCESSOR,J3355,12 EUs,BURST FREQUENCY 2.5GHz,TDP 10W,SMD,FCBGA-1296	U10	J3355	Intel	FH8066802986000SR2Z8	Substitution

Yours sincerely,

Signature



Company Officer: Ning Wei