

## DECLARATION OF PRODUCT

For

### WEEE

**Grandstream Networks, Inc.** is one of the Top developers and manufacturers of innovative, high quality and mass-affordable IP telephone and video products for broadband networks.

The EU Directive 2012/19/EU on “Waste Electrical and Electronic Equipment (WEEE)” became effective on 4<sup>th</sup> July 2012 instead of 2002/96/EC and request products shall meet:

1. Minimum targets applicable by category form 15 August 2018 with reference to the categories listed in Annex III:

(a) For WEEE falling within large equipment (any external dimension more than 50cm):

——85% shall be recovered, and

——80% shall be prepared for re-use and recycled.

(b) For WEEE falling within small equipment (external dimension no more than 50cm) including or small IT and telecommunication equipment (external dimension no more than 50cm):

——75% shall be recovered, and

——55% shall be prepared for re-use and recycled.

2. The symbol indicating separate collection for EEE consists of the crossed-out wheeled bin.

Here by GRANDSTREAM confirms that all our products meet all the requirements which comply with the European Union’s Directive 2012/19/EU.

Product Listed with following P/N, which the recycled rate has been listed in the Annex correspondingly:

Part number(s): GXV3450

Authorized Signatures:



Ning Wei  
Senior director of QA & Production

2022-07-06

Date

**ANNEX 1: WEEE DATA for GXV3450**

Grandstream Networks, Inc.					
Model Name: GXV3450			Date: 2022-07-06		
Created by: Xiuyong Luo			NO.: MDR-202207010		
GXV3450      Note: EURO Type PSU Packed					
Part Name	Component/Material	Recovery/ Recycling/ Reuse	Weight (g)	Weight percent	Recycle percent
Main PCBA	Printed circuit board(PCB)/ Resistor/ Capacitor/Inductor/Trans/Crystal/Diode /TVS/Bead/Integrated circuit(IC) etc.	N	123.95	6.26%	0.00%
MEMS PCBA	Printed circuit board(PCB)/ Resistor/ Capacitor/Connector	N	1.02	0.05%	0.00%
Key PCBA	Printed circuit board(PCB)/LED/ Connector/Integrated circuit(IC) etc.	N	34.41	1.74%	0.00%
LCM	LCD Glass /IC/FPC cable	N	79.8	4.03%	0.00%
Microphone	Aluminum case/Printed circuit board/Stannum	N	0.63	0.03%	0.00%
Connector &Transformer on Main PCBA	Plastic/Copper	Y	26.55	1.34%	1.34%
Handset Plastic Case	Plastic/Rubber	Y	94.47	4.77%	4.77%
Base Unit Plastic Case	Plastic	Y	449.3	22.68%	22.68%
Key	Plastic /Rubber	Y	262.2	13.24%	13.24%
Speaker_ Rubber	Rubber	Y	6.12	0.31%	0.31%
Lens	Glass\Plastic\FPC	Y	7.81	0.39%	0.39%
Bracket	Plastic	Y	62.5	3.15%	3.15%
Screw	Steel	Y	13.53	0.68%	0.68%
Weight Iron	Iron	Y	88.01	4.44%	4.44%
Speakerphone	Magnet/Steel/Copper	Y	49.93	2.52%	2.52%

Part Name	Component/Material	Recovery/ Recycling/ Reuse	Weight (g)	Weight percent	Recycle percent
Cable Wire	Plastic/Copper	Y	83.10	4.19%	4.19%
Plastic Bag	Plastic	Y	14.64	0.74%	0.74%
Manual	Paper	Y	56.8	2.87%	2.87%
Inner Holder	Paper	Y	162.16	8.19%	8.19%
Gift Box	Paper	Y	223.22	11.27%	11.27%
PSU Case	Plastic	Y	37.29	1.88%	1.88%
PSU Wire/Plug	Plastic/Copper	Y	67.26	3.40%	3.40%
PSU PCBA	Printed circuit board(PCB)/ Resistor/Capacitor/Inductor/ Integrated circuit(IC) etc.	N	36.31	1.83%	0.00%
Recycle weight(g):			1704.89		
Unit total weight(g):			1981.01		
Recycle percent:			86.06%		