

## 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 of “IT and Telecommunications Equipment” shall meet:

1. 65% recycled from 13 August 2012 until 14 August 2015, and 70% recycled from 15 August 2015 until 14 August 2018;
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): GXW4224

Authorized Signature:



Ning Wei  
Senior director of QA & Production

2015-05-28

Date

## ANNEX 1: WEEE DATA for GXW4224

Grandstream Networks, Inc.					
Model Name: GXW4224			Date: 2015.05.28		
Created by: Xiuyong Luo			NO.: MDR-201505014		
GXW4224                      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/ Crystal /Connectors/ Transformer/ Integrated circuit(IC) etc./Button/	N	460.15	12.23%	0.00%
LED PCBA	Printed circuit board(PCB)/ Resistor/Capacitor/Connector/ Transistor /Button/	N	94.71	2.52%	0.00%
RJ11-IF PCBA	Printed circuit boards(PCB)/ Connector	N	104.17	2.77%	0.00%
LCD Glass	LCD Glass /IC/FPC cable	N	14.1	0.37%	0.00%
Base Unit Assembled Case_ Metal	Secc	Y	2121.8	56.40%	56.40%
Base Unit Assembled Case_Rubber	Rubber	Y	20.96	0.56%	0.56%
Heatsinks	aluminum	Y	19	0.51%	0.51%
Fan	Plastic ABS\Copper	Y	15.26	0.41%	0.41%
Screw	Secc	Y	20.61	0.55%	0.55%
Cable wire	Plastic/copper	Y	188.96	5.02%	5.02%
Card	Paper+PC	Y	40.15	1.07%	1.07%
Plastic Bag	Plastic PE	Y	59.35	1.58%	1.58%
Inner Holder _EPE	Plastic PE	Y	190.21	5.06%	5.06%
White BOX	Paper	Y	154	4.09%	4.09%
Manual	Paper	Y	41.8	1.11%	1.11%
PSU Case	Plastic ABS	Y	52.91	1.41%	1.41%
PSU Wire	Plastic/copper	Y	94.77	2.52%	2.52%
PSU PCBA	Printed circuit board(PCB)/ resistor/Capacitor/Inductor/ Integrated circuit(IC) etc.	N	69.32	1.84%	0.00%
Recycle weight(g):			3019.78		
Unit total weight(g):			3762.23		
Recycle percent:			80.27%		

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

Part number(s): GXW4232

Authorized Signature:



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Ning Wei  
Senior director of QA & Production

2015-05-07

Date

## ANNEX 1: WEEE DATA for GXW4232

Grandstream Networks, Inc.					
Model Name: GXW4232			Date: 2015.05.05		
Created by: Xiuyong Luo			NO.:MDR-201505010		
GXW4232		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/ Crystal /Diode/Transistor/Led/ MOSFET/Connector//Button/ Transformer/Integrated circuit(IC) etc.	N	366.06	10.01%	0.00%
LED PCBA	Printed circuit board(PCB)/ resistor/Capacitor/Connector/ Transistor/Crystal/Button/Led	N	96	2.63%	0.00%
RJ11-IF PCBA	Printed circuit boards(PCB)/ Connector	N	147.09	4.02%	0.00%
LCD Glass	LCD Glass /IC/FPC cable	N	14.1	0.39%	0.00%
Lithium battery	Lithium	N	3	0.08%	0.00%
Base Unit Assembled Case_ Metal	Secc	Y	2141.8	58.59%	58.59%
Base Unit Assembled Case_ Rubber	Rubber	Y	14.1	0.39%	0.39%
Heatsinks	aluminum	Y	19	0.52%	0.52%
Fan	Plastic ABS\Copper	Y	15.26	0.42%	0.42%
Screw	Sec c	Y	19.81	0.54%	0.54%
Cable wire	Plastic/copper	Y	198.36	5.43%	5.43%
Card	Paper	Y	10.65	0.29%	0.29%
Plastic Bag	Plastic PE	Y	59.35	1.62%	1.62%
Inner Holder _EPE	Plastic PE	Y	161.48	4.42%	4.42%
WHITE BOX	Paper	Y	122	3.34%	3.34%
Manual	Paper	Y	50.6	1.38%	1.38%
PSU Case	Plastic ABS	Y	52.91	1.45%	1.45%
PSU Wire	Plastic/copper	Y	94.77	2.59%	2.59%
PSU PCBA	Printed circuit board(PCB)/ resistor/Capacitor/Inductor/ Integrated circuit(IC) etc.	N	69.32	1.90%	0.00%
Recycle weight(g):			2960.09		
Unit total weight(g):			3655.66		
Recycle percent:			80.97%		