

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 4th 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): GVC3220

Authorized Signatures:



Ning Wei
Senior director of QA & Production

2020-06-30

Date

ANNEX 1: WEEE DATA for GVC3220

Grandstream Networks, Inc. Model Name: GVC3220 Created by: Xiuyong Luo					
Date: 2021-6-30 NO.: MDR-202106008					
GVC3220 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/Bead/Crystal/ Diode/Trans/Mosfet/TVS/LED/Button Integrated circuit(IC) etc./	N	236.51	4.41%	0.00%
LEDIR PCBA	Printed circuit board(PCB)/ Resistor/Capacitor/ /Connectors/	N	2.14	0.04%	0.00%
Lens Driver PCBA	Printed circuit board(PCB)/Resistor/ Capacitor/Bead/Connectors/Integrated circuit(IC) etc.	N	5.28	0.10%	0.00%
PT Motor Detector PCBA	Printed circuit board(PCB)/Resistor/ Capacitor/Transformer/Connectors/ Integrated circuit(IC) etc.	N	2.52	0.05%	0.00%
Remote Controller PCBA	Printed circuit board(PCB)/ Resistor/Capacitor/Inductor/ Integrated circuit(IC) etc. Connectors/Crystal/Wire	N	5.81	0.11%	0.00%
Zinc-Carbon Dry Battery	Zn/Cu/Plastic/Carbon	N	37.01	0.69%	0.00%
Remote Controller Key PCBA	Printed circuit board(PCB)/Resistor/ Capacitor/Transformer/Connectors/ Integrated circuit(IC) etc.	N	23.42	0.44%	0.00%
Remote Control Case & Key	Plastic/Rubber	Y	53.80	1.00%	1.00%
Connectors and Transformer On Main PCBA	Plastic/Copper	Y	35.91	0.67%	0.67%

Part Name	Component/Material	Recovery/ Recycling/ Reuse	Weight (g)	Weight percent	Recycle percent
Base Unit Case	Plastic/Aluminium alloy/Steel	Y	923.12	17.20%	17.20%
Camera And PTZ Module & Cone Cover Assembled Case	Plastic/Aluminium alloy/ Rubber/ Glass/Copper/Steel	Y	714.41	13.31%	13.31%
Speakerphone	Magnet/Steel/Copper	Y	2.56	0.05%	0.05%
Fan	Plastic/Copper	Y	6.61	0.12%	0.12%
Screw	Steel	Y	12.05	0.22%	0.22%
Bracket	Aluminium alloy	Y	667.33	12.43%	12.43%
Cable Wire	Plastic/Copper	Y	68.52	1.28%	1.28%
HDMI Wire	Plastic/Copper	Y	582.83	10.86%	10.86%
Inner Holder	EPE	Y	407.6	7.59%	7.59%
White Cleaning Cloth	Cloth	Y	2.51	0.05%	0.05%
Plastic Bag	Plastic	Y	17.52	0.33%	0.33%
Manual	Paper	Y	44.11	0.82%	0.82%
Carton	Paper	Y	760.08	14.16%	14.16%
annex Screw	Plastic /Steel	Y	25.31	0.47%	0.47%
Power Case	Plastic ABS	Y	72.03	1.34%	1.34%
Power Wire	Plastic/Copper	Y	246.03	4.58%	4.58%
Power PCBA	Printed circuit board(PCB)/Resistor /Capacitor/Inductor/Bead/TVS/Mosfet /Connectors/ Integrated circuit(IC) etc.	N	70.14	1.31%	0.00%
Main PCBA for GMD1208	Printed circuit board(PCB)/ Resistor/Capacitor/Inductor/Bead/ Crystal/Diode/Trans/Mosfet/TVS/ LED/Transformer/Button/Integrated circuit(IC) etc./	N	22.78	0.42%	0.00%
MEMS PCBA for GMD1208	Printed circuit board(PCB)/ Resistor/Capacitor/LED/TVS/BEAD/ Connectors	N	0.45	0.01%	0.00%

Part Name	Component/Material	Recovery/ Recycling/ Reuse	Weight (g)	Weight percent	Recycle percent
Microphone for GMD1208	Aluminium case/Stannum/ Printed circuit board/	N	0.22	0.00%	0.00%
Li-Ion Rechargeable Battery for GMD1208	Lithium Cobalt Oxide/Graphite/ Copper/Aluminum/Etghylene carbonate/Polypropylene	N	26.22	0.49%	0.00%
Connectors On Main PCBA for GMD1208	Plastic/Copper	Y	1.03	0.02%	0.02%
Base Unit Assembled Case for GMD1208	Plastic	Y	60.65	1.13%	1.13%
Screw for GMD1208	Steel	Y	1.31	0.02%	0.02%
Cable Wire for GMD1208	Plastic/Copper	Y	43.82	0.82%	0.82%
Foot_Rubber for GMD1208	Rubber	Y	3.92	0.07%	0.07%
Inner Holder for GMD1208	Paper/EPE	Y	33.53	0.62%	0.62%
Plastic Bag for GMD1208	Plastic	Y	2.20	0.04%	0.04%
Manual for GMD1208	Paper	Y	30.33	0.57%	0.57%
Kraft Box for GMD1208	Paper	Y	78.92	1.47%	1.47%
Power Case for GMD1208	Plastic	Y	9.84	0.18%	0.18%
Power Wire for GMD1208	Plastic/Copper	Y	17.74	0.33%	0.33%
Power PCBA for GMD1208	Printed circuit board(PCB)/ Resistor/Capacitor/Inductor/ Integrated circuit(IC) etc.	N	9.58	0.18%	0.00%
Recycle weight(g):			4925.62		
Unit total weight(g):			5367.7		
Recycle percent:			91.76%		