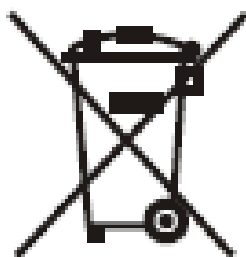


Waste Electrical and Electronic Equipment Directive (WEEE) Compliance Assessment Report





Manufacturer: Avision Inc.
Address: No. 20, Creation Rd. 1 Science Park,
Hsinchu , Taiwan 300, R.O.C
Equipment: Scanner
Type
Designation: IRIScan Executive 4

Assessment Result :

Recycling Rate is 94.21%

Recovery Rate is 99.86%

Compiled by : _____ Checked by : _____

Approved by : _____

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Document Scanner

IRIScan Executive 4

1. Product Specification

Scanner Type:	Sheet-fed
Scanning Mode:	Color/Grey/Black & White
Optical Resolution:	600 * 600 dpi
Light Source:	CIS
Interface:	USB 2.0
Power Requirement:	5Vdc
Power Consumption:	< 2 watts (operation) < 0.6 watts (standby)
Operating Temperature:	10 to 35°C
Dimension:	290mm x 52mm x 35mm (WxDxH)
Weight:	567.1g

2. WEEE Category

Category	Recovery Rate	Recycling Rate
1. Large household appliances	85%	80%
2. Small household appliances	75%	55%
3. IT and telecommunications equipment	80%	70%
4. Consumer equipment	80%	70%
5. Lighting equipment	75%	55%
6. Electrical and electronic tools (with the exception of large-scale stationary industrial tools)	75%	55%
7. Toys, leisure and sports equipment	75%	55%
8. Medical devices (with the exception of all implanted and infected products)	75%	55%
9. Monitoring and control instruments	75%	55%
10. Automatic dispensers	85%	80%

Note: The product is under category 3 – IT and telecommunications equipment.

3. Dismantling Process

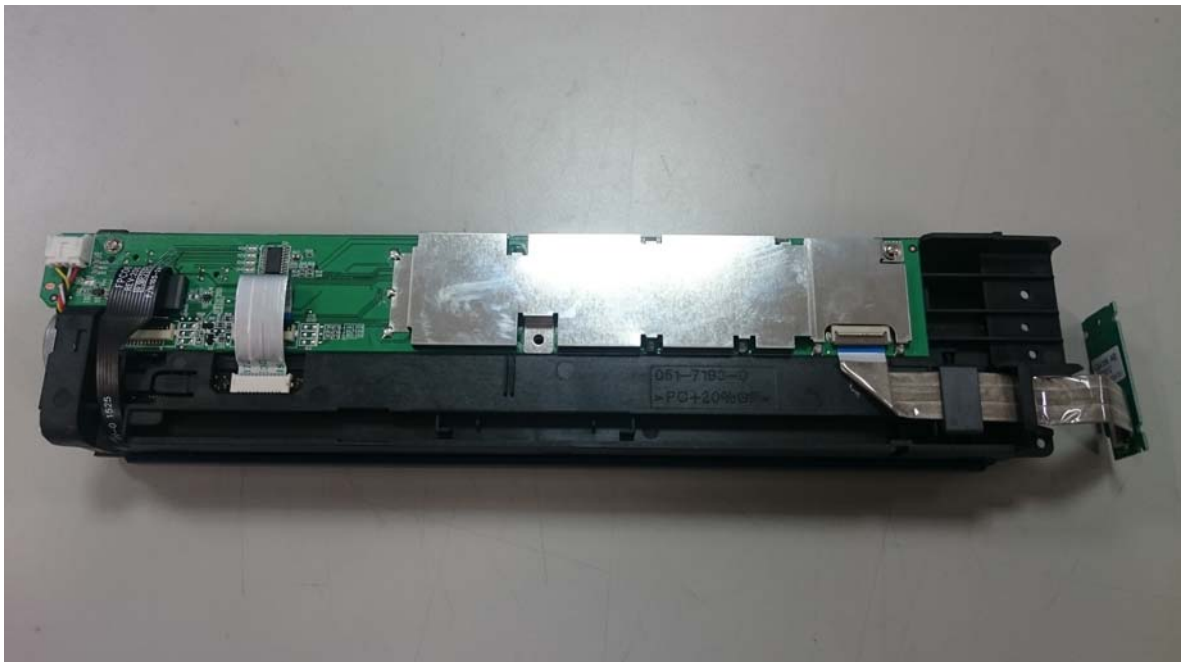
Separate 1 : Peel off the label, rubber stand and then unscrew the screw



Separate 2 : Open the bottom case



Separate 3 : Open the flank of the case



Separate 4 : Unloosen the tenon to open the upper case



Separate 5 : Use flathead screwdriver to remove roller and the spring coil



Separate 6 : Unscrew to remove motor



Separate 7 : Remove roller and CIS



4. Disassembly Tool

(1) 	(2) 
Screwdriver	Screwdriver
(3) 	(4) 
Blade	Pliers

5. Part List

No.	Name	Material	Material II	Unit weight	Qty.	Weight (g)
1	PCBA	PCB Complex	PCBA	2.40	1	2.40
2	PCBA	PCB Complex	PCBA	58.55	1	58.55
3	ASS'Y,CIS, PCBA	CIS	PCBA	22.13	2	44.26
4	ASS'Y,CIS, Glass	CIS	Glass	8.00	2	16.00
5	ASS'Y,CIS, Housing	PC+ABS	Plastic	3.50	2	7.00
6	HOOK,RIGHT	POM	Plastic	0.47	1	0.47
7	HOOK,LEFT	POM	Plastic	0.46	1	0.46
8	ARM, SENSOR,OPEN COVER	POM	Plastic	0.89	1	0.89
9	ARM, SENSOR	ABS	Plastic	3.2	1	3.2
10	CASE,BACKGROUND	PC+ABS	Plastic	3.52	2	7.04
11	CASE,UPPER	PC+ABS	Plastic	31.9	1	31.9
12	CASE,LOWER	ABS	Plastic	77.68	1	77.68
13	BUTTON,POWER	PC	Plastic	0.90	1	0.90
14	COVER,RIGHT	PC+ABS	Plastic	17.34	1	17.34
15	COVER,LEFT	PC+ABS	Plastic	15.66	1	15.66
16	COVER,UPPER	PC+ABS	Plastic	57.2	1	57.2
17	COVER,BOTTOM	PC+ABS	Plastic	74.1	1	74.1
18	GEAR, SPUR	POM	Plastic	0.17	2	0.34
19	MOUNT,MOTOR	SECC	Metal	5.71	1	5.71
20	SHAFT,IDLE	SUM23	Metal	1.90	4	7.6
21	SHAFT,IDLE 2	SUM23	Metal	2.16	2	4.32
22	RUBBER STAND	SILICON	Rubber	0.11	4	0.44
23	ROLLER(shaft)	SUM23	Metal	19.04	2	38.08
24	ROLLER(rubber)	EPDM	Rubber	5.29	2	10.58
25	ROLLER, IDLE,UPPER	POM	Plastic	0.51	12	6.12
26	HOLDER,IDLE	POM	Plastic	1.25	6	7.5
27	MOTOR	MOTOR	Metal	23.81	1	23.81
28	MYLAR,PAPER PATH	PET	Plastic	0.05	2	0.10

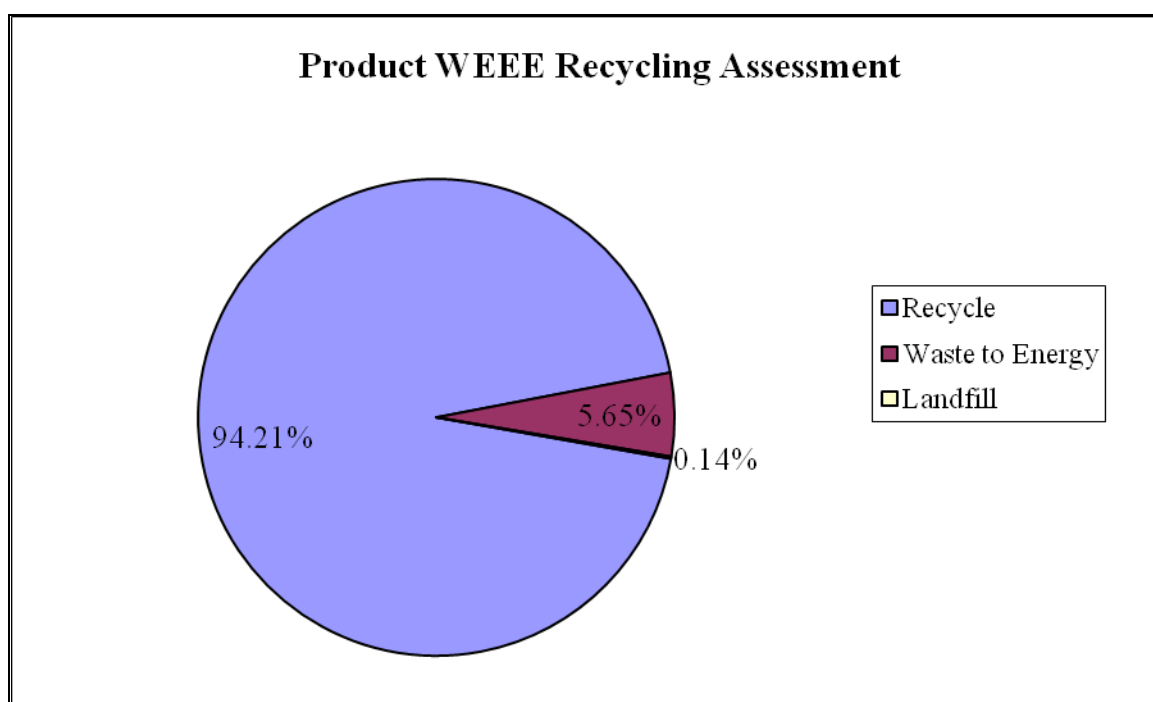
No.	Name	Material	Material II	Unit weight	Qty.	Weight (g)
29	MYLAR,CIS	PET	Plastic	1.06	1	1.06
30	MYLAR,HOOK	PC	Plastic	0.04	1	0.08
31	MYLAR,COVER	PET	Plastic	1.25	1	1.25
32	SPRING, TORSION,ARM	SUS304	Metal	0.01	1	0.01
33	SCREW,雙牙	Metal	Metal	0.19	9	1.75
34	FFC CABLE		Cables	0.31	1	0.31
35	FFC CABLE		Cables	0.93	1	0.93
36	USB CABLE		Cables	42.20	1	42.20

6. 3R Assessment

Item	Main Material	Characteristic	Weight (g)	Percent (%)
1	Metal	Recycle	81.24	14.32%
2	Plastic	Recycle	310.25	54.70%
3	Glass	95% Recycle	15.20	2.68%
		5% Landfill	0.80	0.14%
4	CCFL	95% Recycle	0.00	0.00%
		5% Landfill	0.00	0.00%
5	Silicon	Energy Recovery	0.44	0.08%
6	Cables	Recycle	43.44	7.66%
7	Sponge	Energy Recovery	0.00	0.00%
8	Rubber	Energy Recovery	10.58	1.87%
9	PCBA	80% Recycle	84.17	14.84%
		20% Energy Recovery	21.04	3.71%
10	Capacitance over 2.5cm	Landfill	0.00	0.00%
Total weight (excluding external power supply)			567.16 g	100.00%
Recycling Rate (Reuse + Recycle)			534.30 g	94.21%
Energy Recovery			32.06 g	5.65%
Recovery Rate (Reuse + Recycle + Energy Recovery)			566.36 g	99.86%

7. WEEE Compliance

Item	Weight (g)	Percentage
Recycle	534.30	94.21%
Waste to Energy	32.06	5.65%
Landfill	0.80	0.14%



8. WEEE ANNEX II

No.	Name	Qty.	Weight (g)	Annex II Materials
1	PCBA	1	58.55	Printed circuit board is greater than 10 square centimeters