



SEE MORE. DO MORE.

DISMANTLING AND TREATMENT INFORMATION

Sensor with High Gain Antenna UWC-1100-A-0xxx

Conforms to **Waste electrical and electronic equipment (WEEE)**
2002/96/EC

Category 3 product according Annex IA

Date: 17 October 2011

Zebra Technologies
2940 North 1st Street
San Jose, CA 95134
www.zebra.com

Reuse and treatment information

Material	Weight [g]	Weight [%]	Important Information
Waste Disposal (WD)			
Ceramic	0	0	
Subtotal	0	0	
Recovery Operations (RO)			
Leather	0	0	
Rubber / elastomere	1.81	.3	
Sealant compound	0	0	
Foam	0	0	
Wood	0	0	
Subtotal	0	0	
Aluminium alloy cast			
Aluminium alloy cast	316.27	67.8	
Aluminium alloy wrought	0	0	
Battery	0	0	
Cable	0	0	
Cable with plug	14	2.9	
Carton	0	0	
Copper	0	0	
Copper Alloy	0	0	
Gas	0	0	
Glass Optical	0	0	
Iron	0	0	
Liquid	0	0	
Magnesium alloy	0	0	
Magnetic material	0	0	
Metal nonferrous	0	0	
Paper	0	0	
Plastic	28.12	6.0	
Plug	0	0	
Printed circuit board	91.8	19.6	Remove printed circuit boards (2) from the Assembly and (2) from the Antenna
Sintered material	0	0	
Steel	0	0	
Steel stainless	16	3.4	
Textile material	0	0	
Subtotal	0	0	
Re-Use (RU)			
Subtotal	0	0	
Total weight	468 g	100%	

Product identification and selective treatment information



63.50 mm Width x 63.5 mm Height x 155.0 mm Long

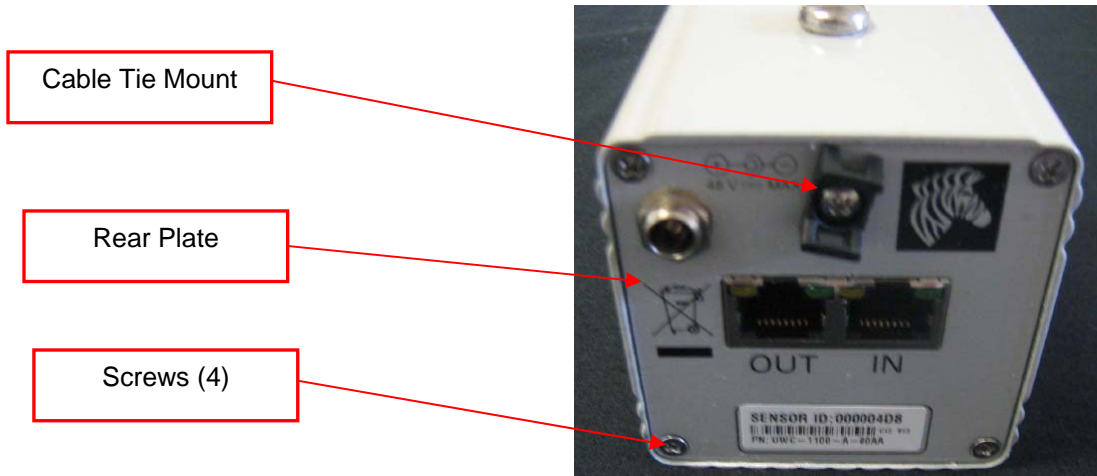


Product Description:

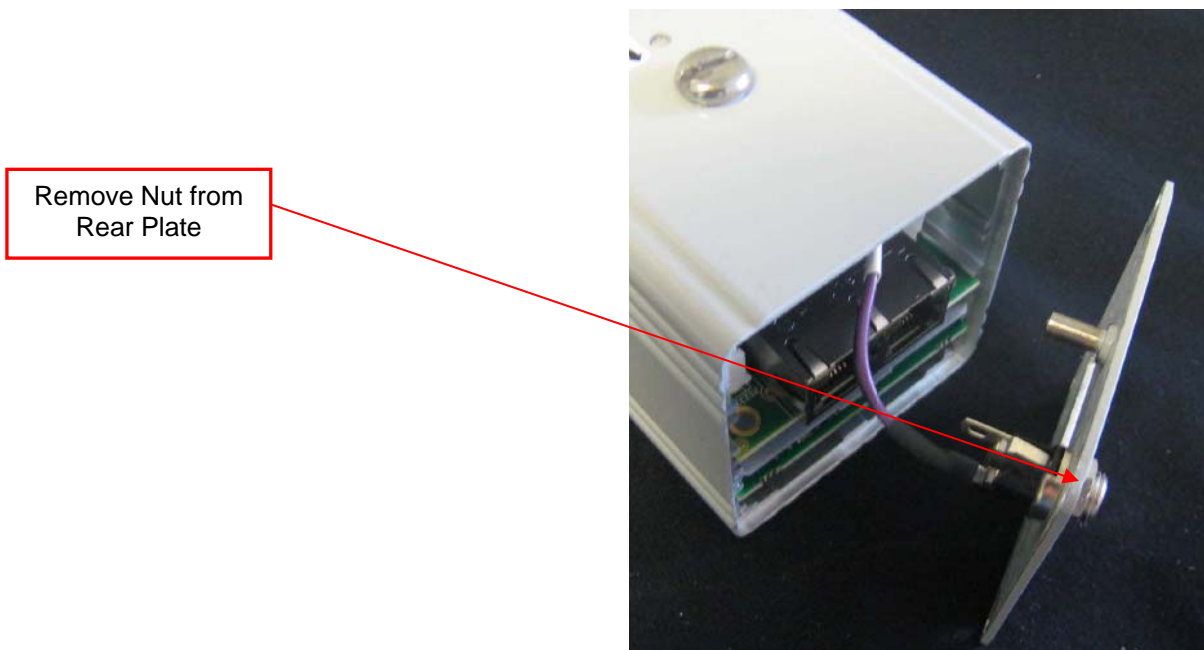
Dart sensors are placed throughout the site originating from the hub and then typically daisy-chained from one sensor to the next. The Dart portfolio offers three standard integrated sensors (High-gain, Mid-gain and Omni) which in combination provides industry-leading range and flexibility which translates to the minimal infrastructure required to achieve the high-level UWB location accuracy.

Dismantling Instructions

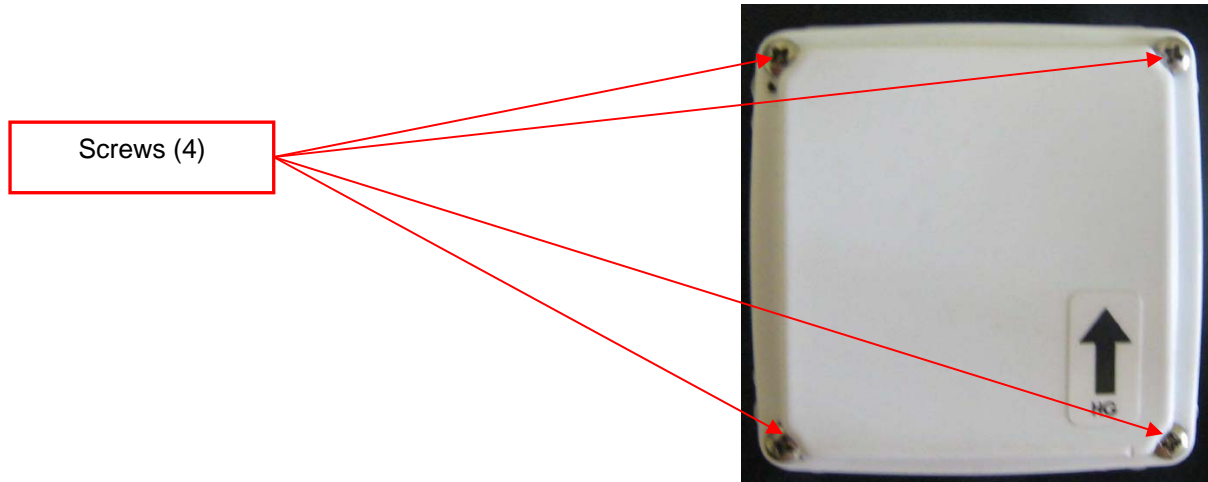
A) Remove the Cable Tie Mount by unscrewing one screw. Remove Rear Plate by unscrewing four screws as follows:



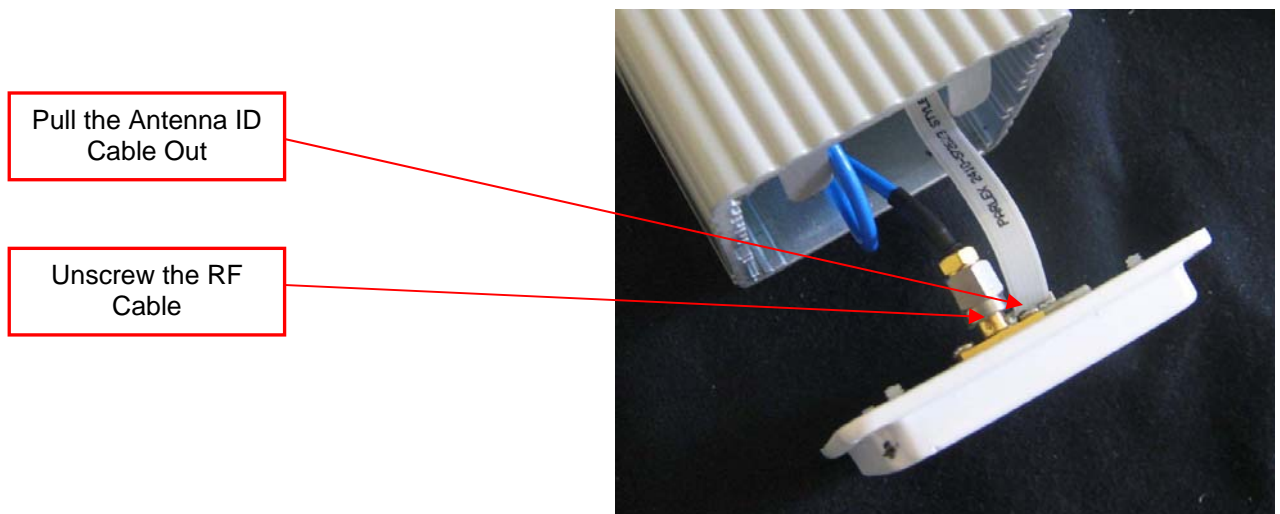
B) Remove Cable Assembly by removing nut as follows:



C) Remove Antenna by unscrewing four screws as follows:

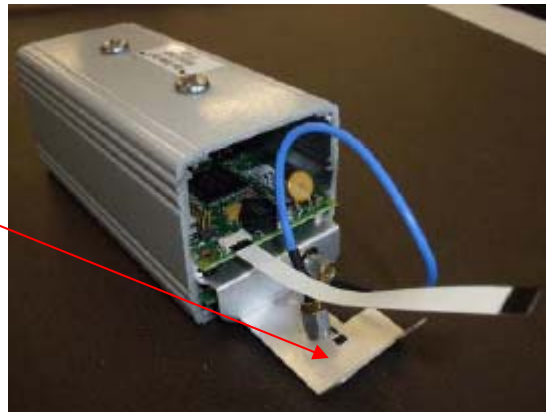


D) Complete the removal of the Antenna by unscrewing the RF Cable and then pull the Antenna ID Cable from the Antenna Connector.



E) Expose remaining items located in the housing by pulling on the Metal Bracket as follows:

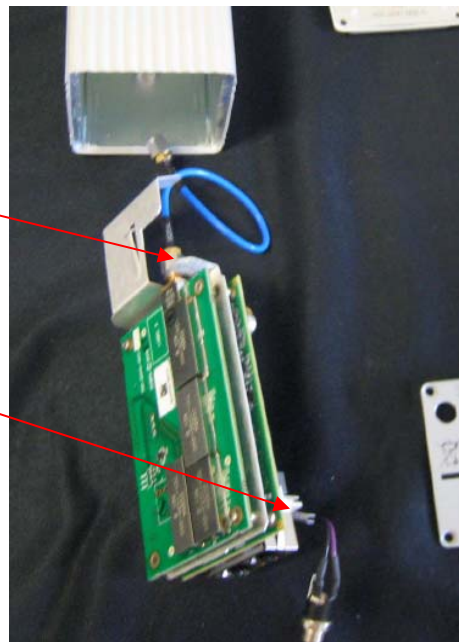
Pull on the Metal Bracket



F) Remove two Cable Assemblies from the PCBA's. One Cable Assembly will be removed by unscrewing. The other is removed by placing a tool between the Cable Assembly and the Connector locking tab then pulling on the connector to remove.

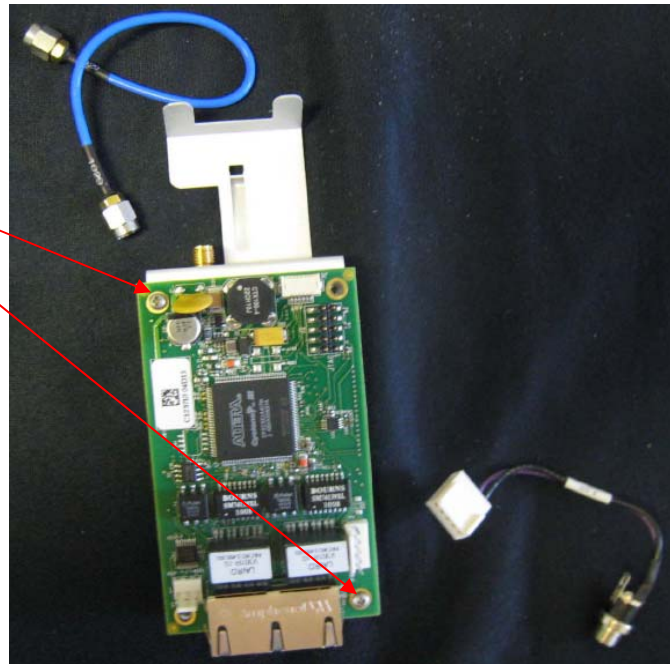
Unscrew Cable Assembly

Remove Cable from Connector



G) Remove the top Printed Circuit Board (PCBA) from the metal bracket by unscrewing two screws then pull the PCBA from the connector.

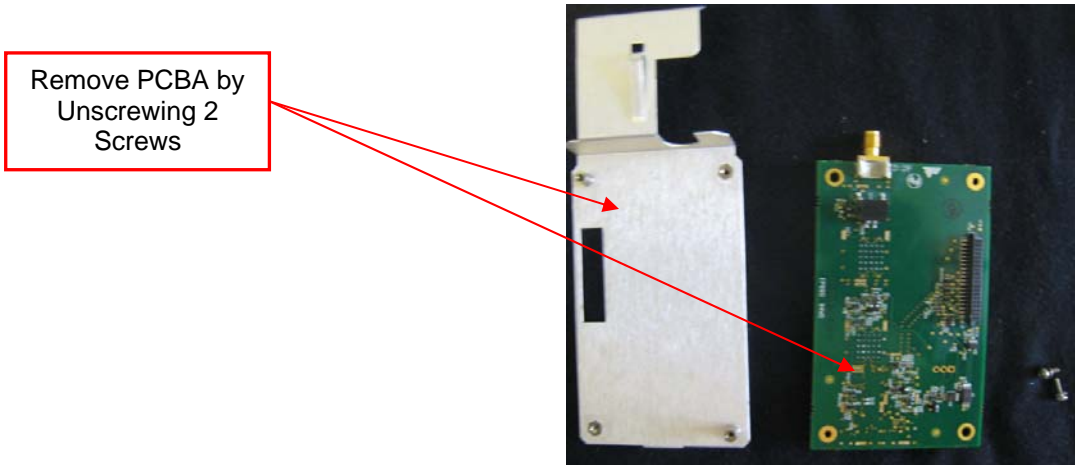
Remove PCBA by
Unscrewing 2
Screws



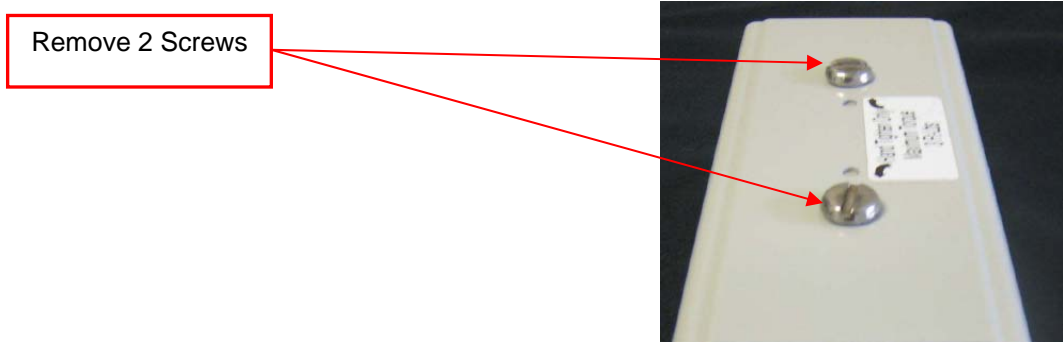
H) Picture of the assembly when two screws were removed and the PCBA removed from the metal bracket:



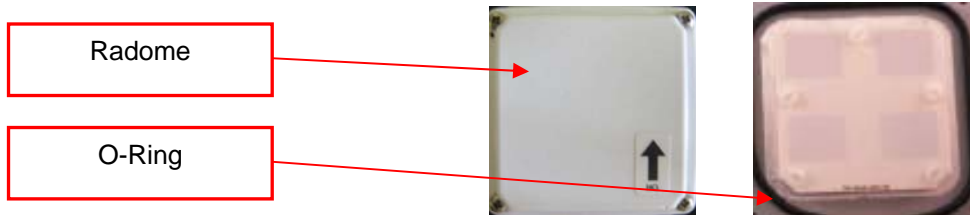
I) Turn the assembly over and remove the remaining PCBA from the metal bracket by unscrewing two screws:



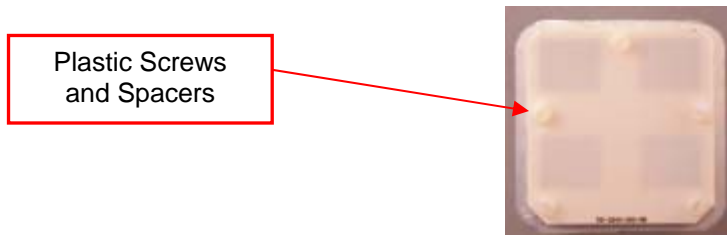
J) Remove two screws from the Housing as follows:



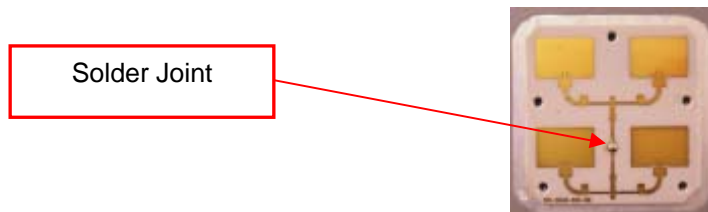
K) Remove the Radome from the Antenna Assembly by prying around the plastic Radome. Then remove the O-Ring.



L) Remove five Plastic Screws and five Plastic Spacers



M) Remove Solder from the PCB Connector point:



N) Remove two Screws from the back of the Antenna. Remove the PCBA from the antenna by prying between the PCBA and the Antenna Plate.

