











**ATEX UHF TAG**  
**TID-UHF-MTP148RW**  
**868 MHz**  
**Read Write**  
**512 bits**  
**EPC CLASS 1 G2**



<b>Description:</b>	Configurable Passive ATEX UHF TAG with 512 bits read-write memory		
<b>IC type:</b>	Impinj Monza EPC Class 1 Gen 2 (other chips like NXP U-Code, Impinj Monaco on request)		
<b>Physical:</b>	Dimensions:	150 x 20 x 18 mm	± 0.30 mm
	Installation:	2 x 4 mm holes	
	Weight:	42 g	± 2 g
	Material:	PC/ABS High Impact	Black
<b>Electrical:</b>	Operating Frequency:	868 MHz	± 250 kHz (At room temperature 20°C)
<b>Thermal:</b>	Operating temperatures:	-45°C up to 100°C	
<b>Ingress Protection:</b>	Water immersion IP67		
<b>Chemical:</b>	Aqueous solution of salts	Unleaded gasoline, Petroleum	Mineral and vegetable oil
<b>Other:</b>	 Production   ATEX QS controlled 		
<b>Reading distance:</b>	Depends on environment and application.	TECTUS offers ATEX stationary* and portable readers for best reading performance.	
<b>EX Marking:</b>	BVS 05 ATEX E 092  II 2G EEx ia IIC T4  0158  I M2 EEx ia I  II 2 D Ex iaD 21 T70 °C -45°C ≤ Ta ≤ 60°C		
<b>Part number:</b>	TID-UHF-MTP148RW	* = (On request only!)	

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.