

Product		
Product name	TAG T1	
Variants	T1-WHT (000045219,022587276) T1-GRN (097801781, 063910675)	
Environmental parameters		
Operating temperature	-30°C to +50°C	
Ingress protection rating	IP67	
Physical dimensions		
Width	95 mm (110 mm with liner)	
Length	125 mm (135 mm with liner)	
Thickness	≥ 1 mm	
Battery		
Cell chemistry	Zinc-Manganese dioxide (ZnMn) / Alkaline	
Capacity	40 mAh	
Nominal voltage	1.5 V	
Lifetime	Application dependent. Examples: 1 min. log interval @ -30°C: ~4 months 15 min log interval @ -10°C: ~1 year 7 months	
Memory		
Storage capacity	4864 temperature measurements	
Type	Non-volatile (EEPROM)	
Behavior when full	Logging stops. Old data will not be overwritten.	
Temperature Measurement		
Temperature accuracy	+50°C to -10°C	±0.5°C
	-10°C to -30°C	±1.0°C
Resolution	0.25°C*	
Clock accuracy	+50°C to -10°C	+50°C to -10°C: ±1.5%
	-10°C to -30°C	-10°C to -30°C: ±2.5%
NFC/HF interface		
Frequency	13.56 MHz	
Protocol	ISO/IEC14443 NFCFORUM Type2 (T2T)	
RFID/UHF Interface		
Frequency	840 – 960 MHz	
Protocol	ISO/IEC18000-6 EPC Global C1G2 V1.2.0	
Certifications and compliance:		
Compliant standards:	IEC 61010-1:2010 (AMD1:2016) EN 301 489-01:V2.2.3 EN 301 489-03:V2.1.1 EN 61000-6-3:2007 + A1:2011 EN 61000-6-3:2007 + A1:2011 EN 302 208 V3.2.0 (Radiated spurious emissions) EN 302 330 V2.1.1 (Radiated spurious emissions) EN 60529:2013 Ed. 2.2 IP67 RTCA/DO-160G (Section 21), Equipment category H	