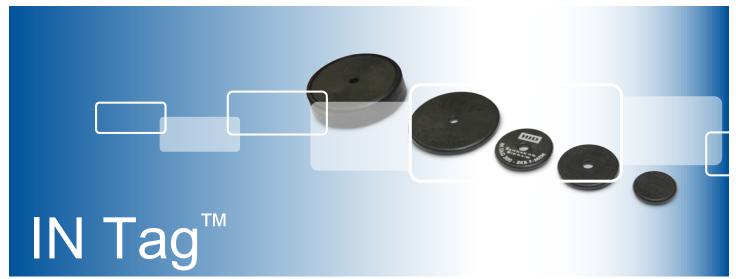
INDUSTRY AND LOGISTICS







TECHNOLOGY HIGHLIGHTS:

- Low Frequency (125 kHz), up to 2048 bit read-write memory
- In this frequency (13.56 MHz), up to 8 kilobyte read-write memory
- Ultrahigh frequency (865 to 915 MHz), 240 bit EPC, 640 bit read-write memory
- C Food compatible
- C Flame and UV resistant
- Disc diameters of 20, 30, 50 mm (55 mm with spacer)
- Optional configurations for mounting on metal

ROBUST LOW, HIGH AND ULTRAHIGH FREQUENCY RFID TAGS THAT PERFORM IN TOUGH CONDITIONS

- C Durable built to withstand the rigors of industrial processing, transportation and outdoor use
- Versatile mounts anywhere without compromising performance: glass, plastic, or wood, with options for on metal mounting
- C Diverse selection broad spectrum of available frequencies, memory sizes and diameters with multiple fixation methods

IN Tag[™] passive contactless RFID transponders are highly water, chemical and shock resistant, ATEX certified for use in explosive environments, withstand peak temperatures up to 285° F (140° C) and are UL94-HB flame resistant.

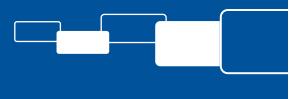
Low frequency (LF) IN Tag discs perform well affixed to virtually any surface. They offer reliable, cost-effective tagging for near-proximity reader applications, with data storage from a 64-bit user ID, up to 2048-bit read-write capability.

High frequency (HF/NFC) discs offer anti-collision technology for faster data processing, larger memory storage, and improved read ranges. HF IN Tag devices are available with up to 1 kbit EEPROM or 8 kilobyte FRAM - the highest memory specified by ISO/IEC 15693. FRAM tags are radiation resistant to survive Gamma sterilization and offer an exceptional speed with up to 10 billion write cycles. Ultrahigh frequency (RAIN® UHF) IN Tag RFID tags can be read from up to 9.8 ft (3 m). Entire pallets of individual containers or equipment may be identified and item level status updated, as articles roll through distribution and receiving points. They are compliant to EPC Global Class 1 Gen 2 standards and readers.

HID IN Tag RFID tags come in a variety of sizes. For LF and HF applications, tiny 0.79 in (20 mm) discs may be glued or embedded virtually anywhere. If a larger read range is required, HID offers 1.18 in (30 mm) and 1.97 in (50 mm) options, which include pre-drilled holes for screw attachment. UHF tags come in 1.97 in (50 mm) and 2.17 in (55 mm) discs.

HID IN Tag transponders are an excellent performance-level tag. For lighter-duty applications, consider HID Epoxy Disc or World Tag[™] transponders.





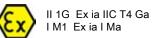
IN Tag™





HID can create a custom tag solution to fit your application requirements for chip type, dimensions, programming and materials.





SI	PE	CI	FI	CAT	10	NS

ſ										
	IN Tag™									
			Lo	w Frequency - LF						
	20	0		300		500				
Base Model Number	623182 601182		623183	623183 624183		624185	601185			
ELECTRONIC										
Operating Frequency				125 kHz						
Chip Type	HITAG S	Unique	нітя	AG S	Unique	HITAG S	Unique			
Memory	256 bit EEPROM	64 bit read- only	256 bit EEPROM	2048 bit EEPROM	64 bit read- only	2048 bit EEPROM	64 bit read- only			
Anti-collision	Yes		Ye	s		Yes				
Reading Distance 2 W reader ERP, free space	Dependent upon reader, environment and application									
PHYSICAL										
Dimensions	Ø 0.79 (Ø 20 x	x 0.12 in 3 mm)		Ø 1.18 x 0.12 in (Ø 30 x 3 mm)	Ø 1.97 x 0.12 in (Ø 50 x 3 mm)					
Mounting Method	Embeo	d, glue								
Fixation Hole Size			Ø 0.20 in (5.2 ± 0.3 mm)							
Affixes To	Glass, plastic, wood, metal									
Housing Material	PPA Polyphthalamide [ISO 1874: PA6T/6I-GF50]									
Color				Black						
Weight	0.04 oz	: (1.3 g)		0.11 oz (3 g)	0.34 oz (9.5 g)					
CHEMICAL AND MECHANICAL										
Water	IP68, IP69K, 176° F (80° C), 100 bar, 30 sec. 16 l/min									
Withstands Exposure To	Fuel B, mineral oil, petroleum, salt mist, vegetable oil, [UV resistant ISO 4892-2], [food compatible, directive 02/72/EC] , [flame resistant UL94-HB]*									
Environmental Test Conditions			68° F (20° C), 100 h							
Vibration			IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]							
Shock			IEC 68.2.29 [
Drop Test										
Axial / Radial Force	800 N / 500 N, 10 sec.									
THERMAL										
Storage				94° F (-40° to +90° C						
Operating				o +185° F (-25° to +						
Shock/Fatigue			-40° to 50x5 n	+194° F (-40° to +9 nin with 30 sec trans						
Peak			28	84° F (140° C), 100						
OTHER										
Standards			EN 60079-0:2009; E	N 60079-11:2007; E	1					
Box Size	1500) pcs		750 pcs	250 pcs					
Options	Custom embossed, printed or no logo									
Warranty	2 Years									

*Flame Resistance UL94-HB not applicable for spacer of INTag 500 OM or INTag 500 UHF OM.

INDUSTRY AND LOGISTICS:

- Asset tracking and logistics
 - Tool and equipment inventory
 Maintenance management

Automation and manufacturing

- Process automation
 Real-time materials inventory
 Food processing
- Returnable transport items
 - Inventory and distribution trackingContainer maintenance

Waste management

- Bin tracking
 Bin tracking
 Recycling compliance monitoring
 Improved invoicing and service accuracy
 Route optimization
 Incentive-based waste and recycling programs

SPECIFICATIONS

						IN Tag	тм							
	High Frequency - HF								U	trahigh Freque	ncy - RAIN UH	F		
	200	300	500	500 OM	200	300	300 8KB	500	500 EU	500 EU OM	500 US	500 US OM		
Base Model Number	629182	629183 (SLIX) 629183-012 (SLIX2) 629183-312 (SLIX2, OM)	629185	629185-300	634182	634183	6D1183-010	634185	6E5185-010	6E5185-310	6E5186-010	6E5186-310		
ELECTRONIC												,		
Operating Frequency				13.56 MH	Iz				865 M	Hz (EU)	915 N	IHz (US)		
Chip Type		ICODE SLIX (2)					F-Mem				G2IM			
Memory		CODE SLIX - 896 ODE SLIX2 - 2560	2 Kbyte	2 Kbyte FRAM 8 Kbyte 2 Kbyte FRAM FRAM			640 bit EEPROM (96 bit TID, 256 bit EPC)							
Anti-collision						Yes			1					
Reading Distance 2 W reader ERP, free space	Dependent upon reader, environment and application								Up to 9.8 ft (3 m)					
PHYSICAL									1					
Dimensions	Ø 0.79 x 0.12 in (Ø 20 x 3 mm)		Ø 1.97 x 0.12 in (Ø 50 x 3 mm)	Ø 2.17 x 0.51 in (Ø 55 x 13 mm)	Ø 0.79 x 0.12 in (Ø 20 x 3 mm)	Ø 1.18 (Ø 30 x	x 0.12 in 3 mm)	Ø 1.97 x 0.12 in (Ø 50 x 3 mm)	Ø 1.97 x 0.14 ir (Ø 50 x 3 mm)	Ø 2.17 x 0.51 in (Ø 55 x 13 mm)		Ø 2.17 x 0.51 (Ø 55 x 13 mm		
Mounting Method	Embed, glue	Embed, glue Embed, glue, screw Embed, glue							Embed, glue, screw					
Fixation Hole Size		ØO	.20 in (5.2 ± 0.3 r	nm)		Ø 0.20 in (5.2 ± 0.3 mm)								
Affixes To	Gl	Glass, plastic, wood Metal, glass, plastic, wood				Glass, plastic, wood			Glass, plastic, wood	Metal, glass, plastic, wood	Glass, plastic, wood	Metal, glass, plastic, wood		
Housing Material	PPA Polyphthalamide [ISO 1874: PA6T/6I-GF50]													
Color						Black								
Weight	0.04 oz (1.3 g)	0.11 oz (3 g)	0.34 oz (9.5 g)	1.06 oz (30 g)	0.04 oz (1.3 g)	0.11 o	z (3 g)	0.34 oz (9.5 g)	0.35 oz (9.5 g)	1.27 oz (36 g)	0.35 oz (9.5 g)	1.27 oz (36 g)		
CHEMICAL AND MECHANICAL														
Water					IP68, IP69K,	176° F (80° C),	100 bar, 30 sec	. 16 l/min						
Withstands Exposure To		Fuel B, min	neral oil, petroleur	n, salt mist, veget	able oil, [UV resis	tant ISO 4892-2], [food compat	ible, directive	02/72/EC], [flame	e resistant UL94-H	B]*			
Environmental Test Conditions	68° F (20° C), 100 h													
Vibration		IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]												
Shock					IEC 68.2.2	29 [40 g, 18 ms,	6 axis, 2000 tir	nes]						
Drop Test	100 x 5.9 ft (1.8 m)													
Axial / Radial Force						800 N / 500 N	, 10 sec.							
THERMAL														
Storage		-40° to +194° F (-40° to +90° C), 1000 h												
Operating		-40° to +185° F (-	40° to +85° C)		-1	3° to +185° F (-25° to +85° C)			-40° to +185° F	(-40° to +85° C)			
Shock/Fatigue	-40° to +194° F (-40° to +90° C), 50x5 min with 30 sec transition													
Peak	284° F (140° C), 100 h													
OTHER	1													
Standards	EN 60079-0:2009, EN 60079-11:2007, EN 60079-26:2007; ISO 15693, ISO 18000-3 EN 60079-0:2009; EN 60079-11:2007; EN 60079-30079-11:2007; EN 60079-30070000000000						79-26:2007							
Box Size	1500 pcs	750 pcs	250 pcs	50 pcs	1500 pcs	750 pcs	750 pcs	250 pcs	250 pcs	50 pcs	250 pcs	50 pcs		
Options					Custor	n embossed, pr	inted or no logo							





INDUSTRY AND LOGISTICS