

Confidex C1G2 Hard Tag Products

	IRONSIDE FAMILY			STEELWAVE FAMILY		CONFIDEX HALO™	CONFIDEX SURVIVOR™	CONFIDEX CARRIER TOUGH™	CONFIDEX CAPTURA™	CONFIDEX LICENSE PLATE TAG™
	CONFIDEX IRONSIDE MICRO™	CONFIDEX IRONSIDE™	CONFIDEX IRONSIDE SLIM™	CONFIDEX STEELWAVE MICRO™	CONFIDEX STEELWAVE MICRO II™					
Product picture										
Size	27 x 27 x 5.5 mm 1.06 x 1.06 x 0.22 in	51.5 x 47.5 x 10 mm 2.03 x 1.87 x 0.39 in	84 x 21 x 10 mm 3.3 x 0.83 x 0.39 in	38 x 13 x 3 mm 1.5 x 0.5 x 0.12 in	38 x 13 x 4.5 mm 1.5 x 0.5 x 0.17 in	60 x 12 x 14 mm 2.36 x 0.47 x 0.55 in	224 x 24 x 8 mm 8.8 x 0.94 x 0.31 in	120 x 30 x 2 mm 4.72 x 1.18 x 0.08 in	57.5 x 19 x 20 mm 2.26 x 0.75 x 0.79 in	58 x 44 x 5 mm 2.28 x 1.73 x 0.20 in
Frequency	865-928 MHz	860-960MHz	860-960 MHz	865-928 MHz	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	860-960 MHz	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)
Memory	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	240 bit EPC + 512 bit	240 bit EPC + 512 bit	128 bit EPC + 512 bit	240 bit EPC + 512 bit	496 bit EPC + 128 bit
Read range (2W ERP) ¹⁾	up to 5 m / 16 ft	up to 9 m / 30 ft	up to 8 m / 26 ft	up to 3,5 m / 11 ft	on metal up to 5 m / 16 ft off metal up to 1,5 m / 5ft	up to 8 m / 26 ft	up to 11 m / 36 ft	up to 12,5 m / 41 ft	up to 10 m / 33 ft depends highly on application	up to 8 m / 26 ft
Ambient temperature range ²⁾	-35°C to +85°C -31°F to +185°F	-55°C to +105°C -67°F to +221°F +125°C / +257°F Peak 1h duration	-35°C to +85°C -31°F to +185°F	-20°C to +85°C -4°F to +185°F	-20°C to +70°C -4°F to +158°F	-35°C to +85°C -31°F to +185°F	-35°C to +85°C -31°F to +185°F	-20°C to +70°C -4°F to +158°F	-30°C to +70°C -22°F to +158°F	-30 to +60°C -22°F to 140°F
Special features	Impact-resistant IP68 on-metal tag with a small size	On-metal tag AS5678 compliant. Welding bracket option.	Versatile on-metal tag for global supply chain applications	FSTC ³⁾ compliant on-metal tag for asset tracking.	Small-sized asset tag with versatile attachment options and unparalleled performance.	Light-weight on-metal tag with magnetic holder option.	All purpose tag	Thin encapsulated tag solution for plastic containers.	Includes mechanical and electrical seals. Extremely easy to attach.	Rugged UHF-tag for Electronic License Plates. Practical pop rivet mounting possibility.
Order reference ⁴⁾	3000448 - Global M4QT	3000319 - Global M4QT	3000360 - Global M4QT	3000427 - Global M4QT	3000587 - Global M4QT	3000068 - ETSI G2XM 3000069 - FCC G2XM	3000064 - ETSI G2XM 3000065 - FCC G2XM	3000447 - M4QT	3000264 - G2XM	3000517 - ETSI M4E 3000518 - FCC M4E

¹⁾ Read range depends on the tag IC, used frequency band, tagged object, reader configuration, reader power, and the environmental conditions. It is recommended to test the actual read range in the final application.









²⁾ Tested according to the acceptance tests of Confidex, more information on request. The tag durability should be verified in the final application.

³⁾ Financial Services Technology Consortium.

⁴⁾ G2XM = NXP G2XM G2iL = NXP G2iL M4QT= Impinj Monza 4QT™ M4E = Impinj Monza 4E™



Confidex C1G2 Special Label Products

	CARRIER FAMILY			CASEY FAMILY				
	CONFIDEX CARRIER MICRO™	CONFIDEX CARRIER™	CONFIDEX CARRIER PRO™	CONFIDEX CASEY™	CONFIDEX CASEY SLIM™	CONFIDEX PINO™	CONFIDEX SteelWING™	CONFIDEX WINDSHIELD LABEL™
Product picture								
Size	40 x 10 x 0.2 mm 1.57 x 0.39 x 0.01 in	73 x 8 x 0.2 mm 2.87 x 0.31 x 0.01 in	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	97 x 15 x 0.2 mm 3.82 x 0.59 x 0.01 in	75 x 14 x 0.3 mm 2.95 x 0.55 x 0.012 in	76.2 x 18 mm (area) 21 mm (height) 3 x 0.71 in (area) 0.83 in (height)	92 x 26 x 0.2 mm 3.62 x 1.02 x 0.01 in
Frequency	860-930 MHz	860-960 MHz	860-960 MHz	860-960 MHz	860-960 MHz	860-960 MHz	865-928 MHz	860-960 MHz
Memory	128 bit EPC	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC	128 bit EPC	128 bit EPC + 512 bit	240 bit EPC + 512 bit	496 bit EPC + 128 bit
Read range (2W ERP) ¹⁾	up to 4 m / 13 ft	up to 10 m / 33 ft	up to 12,5 m / 41 ft	up to 9 m / 30 ft	up to 10 m / 33 ft	up to 8 m / 26 ft	up to 11 m / 36 ft	up to 8 m / 26 ft
Ambient temperature range ²⁾	-35°C to + 90°C -31°F to + 194°F	-35°C to + 90°C -31°F to + 194°F	-35°C to + 90°C -31°F to + 194°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 60°C -31°F to + 140°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 70°C -31°F to + 158°F
Special features	Washable small-sized special label with stong grip on non-metallic surfaces.	Small washable UHF RFID label for plastic crates.	Washable UHF RFID label for plastic crates. Optimized to be used close to liquids or other high dielectric constant materials.	Logistic label for disposable use. Optimized for high dielectric constant materials.	Disposable generic label with superior performance on various packing materials.	Optimized for wooden applications.	On-metal label with superior performance. Performs also on other surfaces.	Non-transferable tamper-evident windshield label for automatic vehicle identification.
Order reference ³⁾	3000574 - G2iL	3000394 – M4QT	3000446 – M4QT	3000603 - G2iL	3000556 - G2iL	3000392 - M4QT	3000126 - G2XM	3000498 - M4E

¹⁾ Read range depends on the tag IC, used frequency band, tagged object, reader configuration, reader power, and the environmental conditions. It is recommended to test the actual read range in the final application.

²⁾ Tested according to the acceptance tests of Confidex, more information on request. The tag durability should be verified in the final application.

Please refer to product's technical data sheet for more detailed information concerning performance and delivery options.

³⁾ G2XM = NXP G2XM G2iL = NXP G2iL M4E = Impinj Monza 4E™

