

Confidex C1G2 Hard Tag Products

	IRONSIDE FAMILY					CARRIER FAMILY		
	CONFIDEX IRONSIDE MICRO™	CONFIDEX IRONSIDE™	CONFIDEX IRONSIDE SLIM™	CONFIDEX STEELWAVE MICRO II™	CONFIDEX SURVIVOR™ & SURVIVOR B™	CONFIDEX CAPTURA™	CONFIDEX CARRIER TOUGH II™	CONFIDEX CARRIER TOUGH SLIM™
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	85 x 21 x 10 mm 3.35 x 0.83 x 0.39 in	38 x 13 x 4,5 mm 1.5 x 0.5 x 0.17 in	155 x 26 x 14.5 mm 6.1 x 1.02 x 0.57 in	57.5 x 19 x 20 mm 2.26 x 0.75 x 0.79 in	115 x 30 x 3,9 mm 4.53 x 1.18 x 0.15 in	122 x 18 x 2 mm 4.80 x 0.71 x 0.08 in
Frequency	865-928 MHz	860-960MHz	865-928 MHz	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-928 MHz
Memory	128 bit EPC + 512 bit	128 bit EPC + 512 bit	448 bit EPC + 1024 bit	128 bit EPC + 512 bit	Survivor 128 bit EPC + 512 bit Survivor B 352 bit EPC + 3072 bit	240 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit
Read range (2W ERP) ¹⁾	up to 5 m / 16 ft	up to 9 m / 30 ft	on metal up to 10m/ 33ft on plastic up to 4 m/ 13ft	on metal up to 5m/ 16ft off metal up to 1,5 m/ 5ft	on metal up to 18 m / 60 ft off metal up to 16 m / 52 ft Survivor B: up to 60 m / 200 ft	up to 10 m / 33 ft depends highly on application	on metal up to 12 m / 40 ft off metal up to 11 m	up to 12 m / 40 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 +70°C -4°F to +158°F	-35°C to +85°C -31°F to +185°F	-30°C to +70°C -22°F to +158°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°F
Special features	- IP68 - Optimized for metal - Impact-resistant - ATEX compliant version available - NFC version available	- IP68 - Optimized for metal - Impact-resistant - AS5678 compliant - Welding bracket option - ATEX compliant version available	- IP68 - Optimized for metal - Impact-resistant - ATEX compliant version available	- IP67 - On and off metal tag - Versatile attachment options - NFC version available	- IP68 - On and off metal tag - Durable screwing with metallic compression limiters - Confidex Survivor B™ Powered with boosting BAP technology	- IP67 - Hanging metal applications - Easy and fast to attach - Mechanical and electrical seal	- IP68 - On and off metal tag - Washable - Thin structure	- IP68 - Off metal - Washable - Thin encapsulation - Excellent chemical tolerance - Scratch and bending-resistant
Order reference ⁴⁾	3000448 - Global M4QT	3000319 - Global M4QT	3001262 - Global 7xm	3000587 - Global M4QT	3001137 - ETSI G2IM+ 3000856 - FCC M4QT 3000857 - ETSI EM4325 (B) 3000858 - FCC EM4325 (B)	3000264 - G2XM	3001032 - ETSI M4QT 3001033 - FCC M4QT	3001440 - M4QT

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⁾ M4QT= Impinj Monza 4QT™ 7xm= NXP UCODE 7xm G2IM+= NXP UCODE G2IM+ EM4325=EM Microelectronic EMY325

Confidex C1G2 Label Products

	SILVERLINE FAMILY — ALL-SURFACE LABELS				CARRIER FAMILY		
	CONFIDEX SILVERLINE CLASSIC™	CONFIDEX SILVERLINE MICRO™	CONFIDEX SILVERLINE SLIM™	CONFIDEX SILVERLINE BLADE™	CONFIDEX CARRIER™	CONFIDEX CARRIER PRO™	CONFIDEX CASEY™ & CROSSWAVE™
Product picture							
Size	100 x 40 x 0,8 mm 3.94 x 1.57 x 0.03 in	55 x 14 x 0,8 mm 2.17 x 0.55 x 0.03 in	110 x 13 x 0,8 mm 4.33 x 0.51 x 0.03 in	60 x 25 x 01,8 mm 2.36 x 0.98 x 0.047 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	Casey 92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in Crosswave (modular) 95mm x 40mm x 0,2mm 3.74 x 1.57 x 0.008 or 4x2" or 4x3" or 4x6"
Frequency	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-928 MHz - Global	860-960 MHz	860-960 MHz	860-960 MHz
Memory	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC + 512 bit	96 bit EPC	128 bit EPC + 512 bit	128 bit EPC + 512 bit	128 bit EPC
Read range (2W ERP) ¹⁾	up to 5 m / 16 ft	up to 1,2 m / 4 ft	up to 4 m / 13 ft	up to 4,5 m / 15 ft	up to 10 m / 33 ft	up to 12,5 m / 41 ft	Casey up to 9 m / 30 ft Crosswave up to 10 m / 33 ft
Ambient temperature range ²⁾	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°F	-35°C to + 85°C -31°F to + 185°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
Special features	<ul style="list-style-type: none"> - On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers 	<ul style="list-style-type: none"> - On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers 	<ul style="list-style-type: none"> - On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers 	<ul style="list-style-type: none"> - On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers 	<ul style="list-style-type: none"> - Off metal - Washable - Strong grip on plastics - On reel 	<ul style="list-style-type: none"> - Off metal - Washable - Strong grip on plastics - On reel - Works in close proximity of liquids 	<ul style="list-style-type: none"> - Off metal - On reel - Optimised for one time use - With Crosswave 360° readability
Order reference ⁴⁾	3001447 - FCC M4QT (APAC) Zebra part number: 10025343 - ETSI M4QT (EU) 10025340 - FCC M4QT (US)	3001451 - FCC M4QT (APAC) Zebra part number: 10025345 - ETSI M4QT (EU) 10025342 - FCC M4QT (US)	3001449 - FCC M4QT (APAC) Zebra part number: 10025344 - ETSI M4QT (EU) 10025341 - FCC M4QT (US)	3001707 - Global MR6 (APAC) Zebra part number: 10028598 - Global MR6	3000394 – M4QT	3000446 – M4QT	Casey 3000603 - G2iL Crosswave 3001706 - M4E 3001721 - M4E (4x2") 3001720 - M4E (4x3") 3001760 - M4E (4x6")

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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⁾ M4QT= Impinj Monza 4QT™ MR6= Impinj Monza R6™ G2iL= NXP G2iL M4E= Impinj Monza 4E™

Special⁴⁾ Confidex Tags & Labels for Automotive Industry

	CONFIDEX SILVERLINE™ family	CONFIDEX IRONSIDE™ family	CONFIDEX CARRIER PRO™	CONFIDEX CARRIER TOUGH™ family	CONFIDEX FLEX™	CONFIDEX CORONA™	CONFIDEX X-BOLT™	CONFIDEX CAR DISTRIBUTION LABEL™	CONFIDEX SMART TRAFFIC™ labels
Product picture									
Size	3 different sizes, for details please view page 2	3 different sizes: for details please view page 1	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	2 different sizes, please view page 1	55 x 25 x 2,2 mm 2.17 x 0.98 x 0.087 in	76 x 50 x 0.35 mm 2.99 x 1.97 x 0.014 in	thread M8 diameter 21.32 mm / 0.839 in all dimensions: please view datasheet	144 x 120 x 0,2 mm 5.67 x 4.72 x 0.01 in	3 sizes, please view details in datasheets: Confidex Xenon, Xenon VIP, Windshield Label
Frequency	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-928 MHz	860-960 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US) 865-928 MHz - Global (Slim)	865-928 MHz	865-928MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	860-960 MHz	860-960 MHz
Memory	496 bit EPC + 128 bit	496 bit EPC + 128 bit 448 bit EPC + 1024 bit (Slim)	496 bit EPC + 128 bit	496 bit EPC + 128 bit	496 bit EPC + 128 bit	96 bit EPC	128 bit EPC + 512 bit (M4QT) 496 bit EPC + 128 bit (M4E)	496 bit EPC + 128 bit	496 bit EPC + 128 bit 224 bit EPC + 3072 bit
Read range (2W ERP)¹⁾	up to 4 m / 13 ft	on metal up to 10m/ 33ft on plastic up to 4 m/ 13ft	up to 12,5 m / 41 ft	on metal up to 12 m / 40 ft off metal up to 11 m / 36 ft	on metal up to 5 m / 16 ft off metal up to 1 m / 3 ft	up to 12 m / 40 ft	up to 2 m / 7 ft	up to 6 m / 20 ft	up to 10 m / 32 ft
Ambient temperature ²⁾	-35°C to + 85°C -31°F to + 185°F	-35°C to +85°C -31°F to +185°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 -35°F to +185°F	-35°C to +85°C -31°F to +185°F	-20°C to +70°C -4°F to +158°F	20°C to +80°C -4°F to +176°F	-35°C to +85°C -31°F to +185°F
Special features	- On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility	- IP68 - Optimized for metal - Impact-resistant - ATEX compliant version available - NFC version available of Ironside Micro	- Off metal - Washable - Strong grip on plastics - On reel - Works in close	- IP68 - On and off metal tag (II) - Off metal (Slim) - Washable - Thin structure (II) - Excellent chemical tolerance (Slim)	- IP68 - Off or On metal - For curved surfaces - On reel - Optimized for component logistics	- IP68 - Extreme temperature resistance (peak 230°C for 180min) - Optimized for Paintshop and WIP	- IP68 - 360 degree turn insensitivity - high chemical resistance - optimized for manufacturing control	- Off metal - Releaseable adhesive - Optimized for car logistics	- Off metal - Non-transferable tamper-proof labels for car windshields or headlamps - Printable or transparent
Order reference ³⁾	Silverline 3001016 - ETSI M4E 3001017 - FCC M4E Silverline Micro 3000910 - ETSI M4E 3000911 - FCC M4E Silverline Slim 3000906 - ETSI M4E 3000907 - FCC M4E	Ironside 3000616 - Global M4E Ironside Micro 3000449 - Global M4E Ironside Slim 3001262 - Global 7xm 3000367 - Global M4E	3000618 – Global M4E	Carrier Tough II 3001038 - ETSI M4E 3001039 - FCC M4E Carrier Tough Slim 3001489 - Global M4E	3001568 - Global M4	3001106 - Global MR6	3001395 - ETSI M4QT 3001535 - ETSI M4E 3001396 - FCC M4QT 3001536 - FCC M4E	3000465 - Global G2XM	Xenon VIP 3001126 - Global UCODE DNA Xenon 3001116 - Global M4E Windshield Label 3000498 - Global M4E

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

³⁾ M4E= Impinj Monza 4E™ MR6= Impinj Monza R6™ M4QT= Impinj Monza 4QT™ 7xm= NXP UCODE 7xm G2XM= NXP G2XMz

⁴⁾ Special tags and labels are available on a project basis.