Standard Confidex C1G2 Hard Tag Products

CONFIDEX
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	IRONSIDE FAMILY			STEELWAVE FAMILY			CARRIER FAMILY	
	CONFIDEX IRONSIDE MICRO™	**CONFIDEX IRONSIDE™**	**CONFIDEX IRONSIDE SLIM™**	**CONFIDEX STEELWAVE MICRO™**	**CONFIDEX STEELWAVE MICRO II™**	**CONFIDEX SURVIVOR™**	**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 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	155 x 26 x 14.5 mm 6.1 x 1.02 x 0.57 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	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	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	128 bit EPC + 512 bit	128 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	up to 3,5 m / 11 ft	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	on metal up to 12 m / 40 ft off metal up to 11 m / 36 ft	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 +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	-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 - FSTC [3] compliant - 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	- 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	3000427 - Global M4QT	3000587 - Global M4QT	3001137 - ETSI G2iM+ 3000856 - FCC M4QT	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+

ISO 9001:2008
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Standard Confidex C1G2 Label Products

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	SILVERLINE FAMILY — ALL-SURFACE LABELS			CARRIER FAMILY	
	CONFIDEX SILVERLINE™	**CONFIDEX SILVERLINE MICRO™**	**CONFIDEX SILVERLINE SLIM™**	**CONFIDEX CARRIER™**	**CONFIDEX CARRIER PRO™**
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	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
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)	860-960 MHz	860-960 MHz
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
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 10 m / 33 ft	up to 12,5 m / 41 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 + 90°C -31°F to + 194°F	-35°C to + 90°C -31°F to + 194°F
Special features	- On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers	- On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers	- On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers	- Off metal - Washable - Strong grip on plastics - On reel	- Off metal - Washable - Strong grip on plastics - On reel - Works in close proximity of liquids
Order reference [4)]	3000702 - ETSI M4QT 3000703 - FCC M4QT	3000908 - ETSI M4QT 3000909 - FCC M4QT	3001015 - ETSI M4QT 3000905 - FCC M4QT	3000394 – M4QT	3000446 – 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™

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Special[4] Confidex C1G2 Hard Tag & Label Products

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			CASEY FAMILY					
	CONFIDEX CARRIER MICRO™	**CONFIDEX CARRIER TOUGH™**	**CONFIDEX CASEY™**	**CONFIDEX CASEY SLIM™**	**CONFIDEX PINO™**	**CONFIDEX HALO™**	**CONFIDEX CAPTURA™**	**CONFIDEX SURVIVOR B™**
Product picture								
Size	40 x 10 x 0.2 mm 1.57 x 0.39 x 0.01 in	120 x 30 x 2 mm 4.72 x 1.18 x 0.08 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	60 x 12 x 14 mm 2.36 x 0.47 x 0.55 in	57.5 x 19 x 20 mm 2.26 x 0.75 x 0.79 in	155 x 26 x 14.5 mm 6.1 x 1.02 x 0.57 in
Frequency	860-930 MHz	860-960 MHz	860-960 MHz	860-960 MHz	860-960 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)	865-928 MHz	865-869 MHz - ETSI (EU) 902-928 MHz - FCC (US)
Memory	128 bit EPC	128 bit EPC + 512 bit	128 bit EPC	128 bit EPC	128 bit EPC + 512 bit	240 bit EPC + 512 bit	240 bit EPC + 512 bit	352 bit EPC + 3072 bit
Read range (2W ERP)[1]	up to 4 m /13 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 8 m / 26 ft	up to 10 m / 33 ft depends highly on application	up to 60 m / 200 ft
Ambient temperature range [2]	-35°C to + 90°C -31°F to + 194°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	-35°C to + 60°C -31°F to + 140°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
Special features	- Off metal - Washable - Strong grip on plastics - On reel	- IP68 - Off metal - Washable - Thin encapsulation	- Off metal - On reel - Works well on glass surfaces - For one time use	- Off metal - On reel - Works in close proximity of liquids - For one time use	- IP68 - Optimized for wooden pallet tracking	- IP68 - On metal - Magnetic holder option - Lightweight and compact	- IP67 - Hanging metal applications - Easy and fast to attach - Mechanical and electrical seal	-IP68 - On and off metal - Durable screwing with metallic compression limiters - Powered with Confidex BOOST™ BAP technology
Order reference [3]	3000574 - G2iL	3000447 – M4QT	3000603 - G2iL	3000556 - G2iL	3000392 - M4QT	3000068 - ETSI G2XM 3000069 - FCC G2XM	3000264 - G2XM	3000857 - ETSI EM4325 3000858 - FCC EM4325

[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] G2XM= NXP G2XM G2iL= NXP G2iL M4QT= Impinj Monza 4QT™ EM4325=EM Microelectronic EMY325
[4] Special tags and labels are available on a project basis.

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Special[4] Confidex Tags & Labels for Automotive Industry

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	CONFIDEX SILVERLINE™ family	CONFIDEX IRONSIDE™ family	CONFIDEX CARRIER PRO™	CONFIDEX CARRIER TOUGH II™	CONFIDEX CARRIER TOUGH SLIM™	CONFIDEX CORONA™	CONFIDEX X-BOLT™	CONFIDEX DISTRIBUTION LABEL™	CONFIDEX WINDSHIELD LABEL™
Product picture									
Size	3 different sizes, for details please view standard product list	3 differen sizes: for details please view standard product list	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 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	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	92 x 26 x 0,2 mm 3.62 x 1.02 x 0.01 in
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	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
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	up to 12 m / 40 ft	up to 12 m / 40 ft	up to 2 m / 7 ft	up to 6 m / 20 ft	on windshield up to 8 m / 26 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 + 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 +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 +70°C -31°F to +158°F
Special features	- On and off metal - On reel - Works on curved surfaces - Washable - Great compatibility with RFID printers	- 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 proximity of liquids	- IP68 - On and off metal tag - Washable - Thin structure	- IP68 - Off metal - Washable - Thin encapsulation - Excellent chemical tolerance - Scratch and bending-resistant	- 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-evident label for car windshields - Printable
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	3001038 - ETSI M4E 3001039 - FCC M4E	3001489 - Global M4E	3001106 - Global MR6	3001395 - ETSI M4QT 3001535 - ETSI M4E 3001396 - FCC M4QT 3001536 - FCC M4E	3000465 - Global G2XM	3000498 - Global 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] M4E= Impinj Monza 4E™ MR6= Impinj Monza R6™ M4QT= Impinj Monza 4QT™ 7xm= NXP UCODE 7xm G2XM= NXP G2XM
[4] Special tags and labels are available on a project basis.

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