



Industrial-grade RFID, NFC
and Bluetooth® Products & Solutions



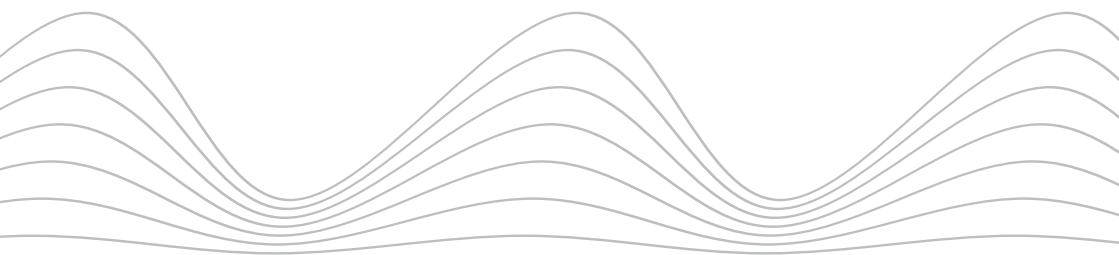
About Confidex

World's most trusted provider of short-range wireless product solutions

Since 2005 Confidex, a Beontag company, has become the trusted partner for system integrators and end-users of high performing short-range wireless products to enable Industrial IoT technologies throughout the world.

Excellent service, consistent quality and reliable products are in the DNA of our company – we are dedicated to gaining a total understanding of customer requirements and providing a solution for those, no matter how complex.





Together with our technology partners we build value-adding solutions for asset management, traceability, authentication and real-time location services -applicable in manufacturing, supply chain, automotive any many other industries. Today, over 200 million assets are equipped with Confidex Tags and Labels.



Confidex Steelwave™

Durable on-metal tags for indoor and outdoor applications








Steelwave family offers various products for indoor and outdoor applications. This innovative and durable product family offers versatile attachment methods, small footprints, flexibility and performance that will ensure the successful deployment of asset tracking projects with diverse requirements.

	Steelwave Classic	Steelwave Flex	Steelwave Micro II	Steelwave HF
				
Type:	RAIN RFID	RAIN RFID	RAIN RFID HF/NFC	HF/NFC
Dimensions:	115 x: 30 x 3.9 mm 4.53 x 1.18 x 0.15 in	55 x 25 x 2.2 mm 2.17 x 0.98 x 0.09 in	38 x 13 x 4.5 mm 1.5 x 0.51 x 0.18 in	25 x 25 x 0.45 mm 1 x 1 x 0.02 in
Read range:	Up to 20 m / 65 ft (regional)	Up to 5 m / 16 ft (global)	Up to 7 m / 23 ft (global)	Up to few cm on mobile phone
Special features:	Printing protected with over-lamination against chemicals. Great read range with thin structure.	Global, VDA compliant on-metal label with flexible structure for parts with small radius.	Versatile attachment options with adhesize and holes for cable tie. Optimized for IT assets.	Proven reliability for more harsh environments with industrial grade materials. Several IC options available.

Confidex Ironside™

Most rugged hard tags for industrial environments

Ironside family is optimized for metallic returnable transit items and industrial assets that face varying weather conditions and rough handling. Patented antenna design with industry-leading performance and extremely robust Istructure is a combination that ensures smooth asset tracking in most harsh environments. Available with various attachment methods.





	Ironside Classic	Ironside Micro	Ironside Slim	Ironside Flag
				
Type:	RAIN RFID	RAIN RFID and HF/NFC	RAIN RFID	RAIN RFID
Dimensions:	51.5 x 47.5 x 10 mm 2.03 x 1.87 x 0.39 in	27 x 27 x 5.5 mm 1.06 x 1.06 x 0.22 in	85 x 21 x 10 mm 3.35 x 0.83 x 0.39 in	52 x 29 x 14 mm 2.1 x 1.1 x 0.55 in
Read range:	Up to 20 m / 65 ft (regional/global)	Up to 7 m / 23 ft (global)	Up to 17 m / 55 ft (global)	Up to 11 m / 36 ft (global)
Special features:	Shock-resistant TPE enclosure. Temperature resistance up to 125°C.	IP68 Robustness with small footprint. Available also as HF/NFC variant.	Narrow form factor optimal for metallic containers.	IP69K rated robustness combined with unique single-screw attachment
	Ironside Classic	Ironside Flex	Ironside Fin	
				
Type:	RAIN RFID	RAIN RFID and HF/NFC	RAIN RFID	
Dimensions:	108 x 50.8 x 3.7 mm 4.25 x 2 x 0.15 in	26 x 73 x 4 mm 1.02 x 2.87 x 0.16 in	26 x 75,5 x 22,5 mm 1.02 x 2.97 x 0.89 in	
Read range:	Up to 10 m / 33 ft (global)	Up to 20 m / 66 ft (global)	Up to 15 m / 49 ft (global)	
Special features:	Metal plate tag with extreme durability for visual marking	Hang tag for hard-to-tag items with industry leading performance	Leverages a cable tie, for easy attachment to tubes and pipes	



Confidex Silverline™

Industrial grade printable on-metal labels

Silverline family is the industry-leading IP68 classified on-metal label solution for demanding applications. By combining the on-metal performance of hard tags and personalization easiness of labels the Confidex Silverline family makes the usage of RFID easier and more efficient than ever. Silverlines come with various product sizes to meet the requirements for applications from high read range to small footprint.





	Silverline Blade II	Silverline Classic II	Silverline Micro II	Silverline Slim II
				
Type:	RAIN RFID	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	60 x 25 x 1.4 mm 2.36 x 0.98 x 0.055 in	100 x 40 x 1.4 mm 3.94 x 1.57 x 0.05 in	45 x 13 x 1.3 mm 1.77 x 0.51 x 0.05 in	100 x 13 x 1.3 mm 3.94 x 0.51 x 0.05 in
Read range:	Up to 10 m / 33 ft (regional)	Up to 15 m / 50 ft (regional)	Up to 3.5 m / 12 ft (regional)	Up to 7 m / 23 ft (regional)
Special features:	Special adhesive for all surfaces. Industry leading performance to size ratio.	Large space for visual printing. Durable PET face. Adhesive optimized for metals.	Great performance to size ratio. Adhesive optimized for metals.	Narrow form factor combined with good on/off metal performance. Adhesive optimized for metals.



Confidex Heatwave™

High temperature tags with industrial grade reliability

Designed with the extreme reliability as the top priority. Heatwave family is the outcome of more than ten years of development of high temperature tags with proven reliability in the industrial applications including automotive paint shop.









	Heatwave Flag	Heatwave Flag Print.	Heatwave Tough	Heatwave Ultra
				
Type:	RAIN RFID	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	76 x 55 x 0.35 mm 2.99 x 2.17 x 0.01 in	76 x 55 x 0.35 mm 2.99 x 2.17 x 0.01 in	50 x 30 x 3 mm 1.97 x 1.18 x 0.12 in	86 x 26 x 8.5 mm 3.39 x 1.02 x 0.33 in
Read range:	Up to 12 m / 39 ft (global)	Up to 10 m / 33 ft (global)	Up to 9 m / 30 ft (regional)	Up to 10 m / 33 ft (global)
Special features:	Flag type of flexible structure for on and off metal applications. Peak temperature up to 230 °C for 3h.	Printable variant of Heatwave Flag with compliancy to all main printer manufacturers.	Hard tag for metallic surfaces. Peak temperature up to 250 °C for 50min.	Designed to withstand high temperatures repeatedly



Confidex Go™

Cost engineered for fast and reliable identification in high volumes

Confidex Go products are designed cost efficiency in mind. They are the go-to choice for fast and reliable logistics applications that require unique features such as reading from all angles, eco-friendly paper based structure, VDA compliancy or tagging challenging specialty retail categories such as sports equipment, beauty and personal care items.






	Crosswave Classic/Neo	Casey	Leaf	eKanban GTL/SLC
				
Type:	RAIN RFID	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	Various, see datasheet	92 x 24 x 0.2 mm 3.62 x 0.94 x 0.01 in	92 x 27 x 0.2 mm 3.62 x 1.06 x 0.01 in	According to VDA 4994
Read range:	Up to 10 m / 33 ft (global)	Up to 16 m / 52 ft (global)	Up to 10 m / 33 ft (global)	See datasheet
Special features:	360-degree readability with modular dimensions and latest IC generation	Water proof IP68 label for high volume logistics.	Paper based eco-friendly label for short term logistics.	RFID enabled Kanban cards. VDA 5501 compliant.
	Ferrowave Classic	Ferrowave Flag	Ferrowave Micro	LoopTag
				
Type:	RAIN RFID	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	100 x 17 x 1.1 mm 3.94 x 0.67 x 0.04 in	46 x 21 x 0.2 mm 1.81 x 0.83 x 0.01 in	45 x 8 x 1.5 mm 1.77 x 0.31 x 0.06 in	Various, see datasheet
Read range:	Up to 5 m / 16 ft (regional)	Up to 12 m / 30 ft (global)	Up to 4 m / 23 ft (global)	Up to 7 m / 23 ft (global)
Special features:	Optimized for high volume on metal logistics.	Versatile on metal label with great performance	Small on metal label optimized for specialty retail items	Optimized for hard-to-tag items such as tubes and wires



Confidex Carrier™

Washable tags for plastic returnable items

Confidex Carrier family is designed especially for plastic returnable transit item (RTI) tracking. They are all IP68 classified and can withstand washing processes while maintaining their strong grip on plastic surfaces. All labels can be printed and encoded with standard RFID printers or be ordered pre-personalized.



					
Type:	RAIN RFID	RAIN RFID HF/NFC	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	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	122 x 18 x 2 mm 4.8 x 0.71 x 0.08 in	25 x 25 x 0.45 mm 1 x 1 x 0.02 in	70 x 36 x 0.2 mm 2.75 x 1.4 x 0.01 in
Read range:	Up to 10 m / 33 ft (global)	Up to 12.5 m / 41 ft (global)	Up to 12 m / 39 ft (global)	Up to few cm on mobile phone	Up to 10 m / 33 ft (global)
Special features:	Narrow design ideal for containers with limited space.	More space for printing and long read range also close to high liquid content	For the harshest of environments. Printing protected under plastic cover.	HF/NFC label solution for more harsh environments with industrial grade materials. Several IC options available.	Dual-frequency label with shared RAIN RFID and NFC memory for logistics and consumer interaction



Confidex Cruiser™

Reliable vehicle identification for parking, vehicle registration and toll collection

Confidex Cruiser family is designed for Automatic Vehicle Identification (AVI) and Electronic Vehicle Registration (EVR) applications. Cruiser labels can withstand varying weather conditions and washing processes while remaining tamper-proof. Confidex delivers also fully personalized Cruiser products against customer requirements.






	Cruiser Headlamp	Cruiser Windshield	Cruiser Windshield Crypto
			
Type:	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	90 x 11.5 x 0.2 mm 3.54 x 0.45 x 0.01 in	92 x 26 x 0.2 mm 3.62 x 1.02 x 0.01 in	107 x 21.5 x 0.2 mm 4.21 x 0.85 x 0.01 in
Read range:	Up to 10.5 m / 34 ft (global)	Up to 8 m / 26 ft (global)	Up to 10 m / 33 ft (global)
Special features:	Transparent structure with specific UV and IR protection.	Full customization and encoding options with tamper-proof structure.	Fast and secure communication with cryptography authentication check.



Confidex Viking™

Industrial Bluetooth® Low Energy beacons for demanding environments

Confidex Viking™ Bluetooth® Low-Energy (BLE) Industrial beacons track the location of assets and people, with optional sensors for capturing environmental data. Confidex Viking™ BLE beacons are joining passive RFID in the asset management and tracking space. Confidex designed the Viking product family to be a modular BLE beacon family that raises the bar for industrial, indoor and outdoor, asset tracking to gain real time location and conditioning visibility.




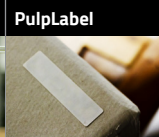

	Viking Classic	Viking Quuppa	Viking Tough	Viking Slim	Viking Slim Wirepas
					
Type:	BLE	BLE	BLE	BLE	BLE
Dimensions:	56 x 54 x 19 mm 2.2 x 2.13 x 0.75 in	56 x 54 x 19 mm 2.2 x 2.13 x 0.75 in	56 x 54 x 21.3 mm 2.2 x 2.13 x 0.84 in	56 x 54 x 21.3 mm 2.2 x 2.13 x 0.84 in	56 x 54 x 21.3 mm 2.2 x 2.13 x 0.84 in
Read range:	Up to 100 m 330 ft	Up to 100 m 330 ft	Up to 100 m 330 ft	Up to 100 m 330 ft	Up to 100 m 330 ft
Special features:	Optimised performance for indoor and outdoor industrial environments.	Fully compliant with Quuppa's advanced location system and the angle-of-arrival (AoA) methodology	Most ruggedized BLE Beacon for really harsh and demanding environments.	Replaceable battery with 3-4 years of lifetime. Optimized for hospital and industrial environments	Utilizing Wirepas Massive IoT mesh software stack and tools.



Confidex DesignStudio™

Not finding the tag you need for your project from our standard product offering?

Confidex DesignStudio provides you with uniquely new products or standard product modifications for yourspecific needs, whether simple or complex. Let's co-create together a BLE, RFID or NFC product that fits your needs.

					
Type:	RAIN RFID	RAIN RFID	RAIN RFID	RAIN RFID	RAIN RFID
Dimensions:	40 x 5.5 x 2.1 mm 1.57 x 0.22 x 0.08 in	155 x 26 x 14,5 mm 6.1 x 1.02 x 0.57 in	61 x 20 x 10 mm 2.4 x 0.78 x 0.4 in	Contact for details	80 x 35 x 1.2 mm 3.15 x 1.38 x 0.05 in
Read range:	up to 3 m / 10 ft (global)	Up to 27m / 90ft (regional)	Up to 12 m / 40 ft (global)		Up to 9 m / 30 ft (regional)
Special features:	ISO 20909 and 20910 compliant embedded TireTag with great performance.	Available as Battery Assisted Passive variant with read range up to 60m / 200ft.	Sealtag with tamper proof structure. No tools needed for attachment.	Unique pulpable structure. Complies to food contact regulations.	On Metal Label designed to work also on challenging ESD materials. Available with over-lamination.

More DesignStudio examples online



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