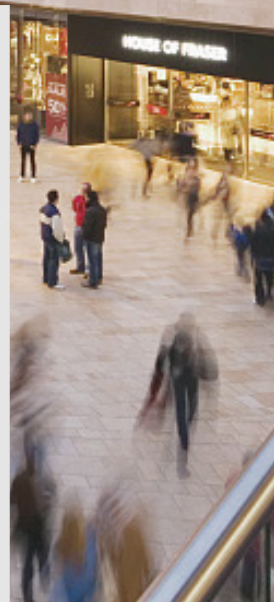![CENTURY]

Being the market

With the market

RFID

Product
Catalog

2025

Hangzhou Century Co., Ltd.

About Century

Hangzhou Century Co., Ltd was established in November, 2003 and listed on Shenzhen (China) Stock Exchange in April, 2010 (Stock Short Name: "思创医惠", Stock Code: 300078.SZ).

Century serves as a well-known brand in the Retail Industry, which is the earliest listed company in the Electronic Article Surveillance (EAS) Industry in China. Century also specializes in Radio Frequency Identification System (RFID) standardization, as well as the development and services of customized hardware products and industry application solutions.

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CONTENTS

When you work with
Century RFID, you get:
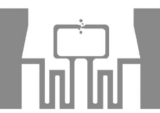
- Experienced design and
  manufacturing services

- Personalized design tags

- Expert assistance with tag
  selection

RFID Labels & Tags
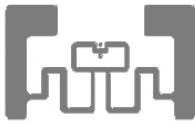
UHF Label for Apparel and Fashion, Beauty and Personal Care, Supply Chain and Logistics, Books and Printing

Code	CHIP	Antenna	Antenna Dimension (mm)	Label Dimension (mm)	Applications
CE333050	NXP Ucode 8 / Ucode 9		30*50	34*54	Apparel and Fashion
CE333050 ECO	NXP Ucode 8		30*50	33*53	Apparel and Fashion
CE331540	NXP Ucode 8 / Ucode 9		15*40	19*44	Apparel and Fashion
CE331540 ECO	NXP Ucode 8		15*40	18*43	Apparel and Fashion
CE331830	NXP Ucode 8 / Ucode 9		18*30	21*39	Unmanned Retail
CE332540	NXP Ucode 8 / Ucode 9		25*40	/	Supply Chain and Logistics; Asset Management;
CE331433	NXP Ucode 8 / Ucode 9		14*33	18*37	Liquid
CE331570	NXP Ucode 8 / Ucode 9		15*70	17*72	Apparel and Fashion; Retail Asset Management;
CE331045	NXP Ucode 8 / Ucode 9		10*45	/	Liquid
CE330460	NXP Ucode 8 / Ucode 9		4*60	12*64	Liquid
CE330395	NXP Ucode 8 / Ucode 9		3*95	6*108	Books and Printing
CE33144	NXP Ucode 9		26*96	40*100	Vehicle Management
CE331540	Impinj M730 / M750		15*40	18*43	Apparel and Fashion
CE333050	Impinj M730 / M750		30*50	33*53	Apparel and Fashion

UHF Label for Apparel and Fashion, Beauty and Personal Care, Supply Chain and Logistics, Books and Printing

Code	CHIP	Antenna	Antenna Dimension (mm)	Label Dimension (mm)	Applications
CE33144	Impinj M730 / M750		26*96	40*100	Vehicle Management
CE331540	Impinj M830 / M850		15*40	18*43	Apparel and Fashion
CE333050	Impinj M830 / M850		30*50	33*53	Apparel and Fashion
CE331570	Impinj M830 / M850		15*70	17*72	Apparel and Fashion
CE33100	Impinj Monza R6 / R6-P		30*50	34*54	Apparel and Fashion; Retail;
CE33099	Impinj Monza R6 / R6-P		17*40	19*43	Apparel and Fashion; Retail;
CE331570	Impinj Monza R6 / R6-P		15*70	17*72	Apparel and Fashion; Retail;
CE333312	Impinj Monza R6 / R6-P		12*33	19*44	Retail
CE331433	Impinj Monza R6 / R6-P		14*33	18*37	Liquid
CE331830	Impinj Monza R6 / R6-P		18*30	43*25	Unmanned Retail
CE3318301	Impinj Monza R6 / R6-P		18*30	43*25	Unmanned Retail
CE33144	Impinj Monza R6 / R6-P		26*96	40*100	Vehicle Management

UHF Label for Apparel and Fashion, Beauty and Personal Care, Supply Chain and Logistics, Books and Printing

Code	CHIP	Antenna	Antenna Dimension (mm)	Label Dimension (mm)	Applications
CE331990	Impinj Monza R6 / R6-P		19*90	/	Supply Chain and Logistics; Asset Management;
CE331162	Impinj Monza R6 / R6-P		11*62	26*68	Jewelry
CE330395	Alien H9		3*95	6*108	Books and Printing
CE330395	Alien H10		3*95	6*108	Books and Printing
CE333046	Kiloway KX2005XG		30*46	/	Apparel and Fashion; Retail Asset Management;
CE334545	Kiloway KX2005XG		45*45	47*47	Apparel and Fashion; Retail Asset Management;
CE333046	Qstar 73GB / 71GB		30*46	/	Apparel and Fashion; Retail Asset Management;
CE334444	Qstar 73GB / 71GB		44*44	47*47	Apparel and Fashion; Retail Asset Management;
CE331540	Qstar 7U		15*40	19*44	Apparel and Fashion
CE333050	Qstar 7U		30*50	33*53	Apparel and Fashion
CE331540	FM13UF0051E		15*40	19*44	Apparel and Fashion
CE333050	FM13UF0051E		30*50	33*53	Apparel and Fashion
CE331570 (LED)	Kiloway KX2005XMP		15*70	17*72	Books and Printing

Source Tagging

Care Label and Hangtag

Photo	Name	Code	Chip	Frequence	Size	Face Material	Applications
	Care label	CE34100	NXP Ucode 9 / Impinj MR6-P	860-960MHz	70*40mm	Stain / Nylon	Apparel and Fashion; Retail;
	Care label	CE34099	NXP Ucode 9 / Impinj MR6-P	860-960MHz	58*26mm	Stain / Nylon	Apparel and Fashion; Retail;
	ECO Care label	CE341540	NXP Ucode 8	860-960MHz	58*26mm	Stain / Nylon	Apparel and Fashion; Retail;
	Hangtag	CE35101	NXP Ucode 9 / Impinj MR6-P	860-960MHz	83*39mm	Coated Paper	Apparel and Fashion; Retail;
	Hangtag	CE353265	NXP Ucode 8	860-960MHz	45*77mm	Coated Paper	Apparel and Fashion; Retail;

· Note: Sizes can be customized.

RFID+EAS Dual Tags

Apparel Tag, RFID+EAS Dual Tag

Photo	Name	Code	CHIP	Frequence	Size	Applications
	AutoTag	T244	NXP Ucode 9 Impinj Monza R6 / R6-P	AM RF AM+RFID RF+RFID	Φ54*19mm	Apparel and Fashion; Retail;
	AutoDetacher	CER036	/	/	Φ152*110mm	Apparel and Fashion; Retail;
	Multi Alarm Tag	T313	NXP Ucode 8 / Ucode 9	AM RF AM+RFID RF+RFID	60*33.6*16mm	Apparel and Fashion; Retail;
	Click pin Tag L	CE36110	Impinj Monza R6 / R6-P	902-928MHz (US) AM+US RF+US	67*21*32mm	Apparel and Fashion; Retail;
	Dual Tag	CE36119	NXP Ucode 8	RF+RFID	60*25*17.5mm	Apparel and Fashion; Retail;
	Super Dual Tag	CE36061	NXP Ucode 8 Impinj Monza R6 / R6-P	AM+RFID RF+RFID	69*30.5*20.5mm	Apparel and Fashion; Retail;
	Whale Tag	CE36074	NXP Ucode 9 Impinj Monza R6 / R6-P	AM+RFID RF+RFID	30*64.5*18.7mm	Apparel and Fashion; Retail;
	Finger Tag	CE36078	NXP Ucode 9 Impinj Monza R6 / R6-P	AM RF AM+RFID RF+RFID	21.5*73*17.6mm	Apparel and Fashion; Retail;
	Finger Optical	CE36081	NXP Ucode 9 Impinj Monza R6 / R6-P	AM RF AM+RFID RF+RFID	26.2*76.4*24.4mm	Apparel and Fashion; Retail;

Laundry Tags

Laundry Tag for Healthcare, Hospitality, Uniform, Industrial Laundry Solution

Photo	Name	Code	Chip	Frequence	Size	Fixation	Applications
	TexTrack HS	CE37006	NXP Ucode 9	860-960MHz	70*15*1.7mm	Heat-sealed / Pouched	Healthcare; Hospitality; Uniform;
	TexTrack Min	CE37007	NXP Ucode 9	860-960MHz	35*15*1.7mm	Sewn / Pouched	Healthcare; Hospitality; Uniform;
	TexTrack HS Ⅱ	CE37008	NXP Ucode 9	860-960MHz	70*10*1.7mm	Heat-sealed / Pouched	Healthcare; Hospitality; Uniform;

Asset Tracking Tags

EQUIPMENT INFORMATION

EQUIPMENT CODE:YE125585514
OPERATION MODE:RT65
BRAND:DELL
MODEL:RST008
DEPARTMENT:MARKETING DEPARTMENT

USE TIME:3 YEARS
STATE:NORMAL
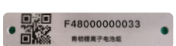
Special Hard Tag, On-metal Asset Management

Photo	Name	Code	Size	Frequence	IC	Fixation	Applications
	Metalion L S	CE38013	50*15*1.25mm	865 - 868MHz 902 - 928MHz	Impinj MR6-P	Adhesive	IT Asset Management; Metallic Asset Management;
	Metalion L Ⅲ	CE38010	60.5*25*1mm	865 - 868MHz 902 - 928MHz	Impinj MR6-P	Adhesive	IT Asset Management; Metallic Asset Management;
	MeTrack 100	CEW8016	69*23*7mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8	Adhesive / Screw / Tie	IT Asset Management; Metallic Asset Management;
	MeTrack 200	CEW8017	105*30*7.5mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8	Adhesive / Screw / Tie	IT Asset Management; Metallic Asset Management;
	MeTrack 300	CEW8013	130*42*10.5mm	865 - 868MHz 902 - 928MHz	Alien H9	Adhesive / Screw	Outdoor on-metal Asset Management
	PCB1806	CEW6027-1806	18*6*4mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8 Alien H3	Adhesive / Screw	IT Asset Management; Metallic Asset Management;
	PCB3613	CEW6027-3613	36*13*3.5mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8 Alien H3	Adhesive / Screw	IT Asset Management; Metallic Asset Management;
	PCB5010	CEW6027-5010	50*10*1.6mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8 Alien H3	Adhesive / Screw	IT Asset Management; Metallic Asset Management;
	PCB7020	CEW6027-7020	70*20*3.6mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8 Alien H3	Adhesive / Screw	IT Asset Management; Metallic Asset Management;
	PCB8020	CEW6027-8020	80*20*3.6mm	865 - 868MHz 902 - 928MHz	NXP Ucode 8 Alien H3	Adhesive / Screw	IT Asset Management; Metallic Asset Management;

Special Hard Tag, Off-metal Asset Management

Photo	Name	Code	Frequence	IC	Size	Fixation	Applications
	Zip Tag	CE36037	865 - 868MHz 902 - 928MHz	Impinj MR6-P	320*24*8mm	Cable zip tie	Asset Management; Pallet Management; Circulating box Managemet;
	PVC Card	CEW6020	865 - 868MHz 902 - 928MHz	NXP Ucode 8 / Ucode 9	89*20mm	Adhesive / Screw	Asset Management; Pallet Management; Circulating box Managemet;
	PVC Card	CEW6019	865 - 868MHz 902 - 928MHz	NXP Ucode 8 / Ucode 9	85.6*54mm	Adhesive	Asset Management; Pallet Management; Circulating box Managemet;
	Pallet tag	CEW6025	860 - 960MHz	NXP Ucode 9	85*25*5mm	Adhesive / Screw	Asset Management; Pallet Management; Circulating box Managemet;

Equipment Products

Equipment

RFID Handheld Reader CER780

Operating system	Android 11.0
Memory	4+64 GB
Display	5.2″，1920(H)x1080(W)
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	5~33dBm
Read Range	＞8m @impinjH47 (depends on the tag and the environment)
Certification	CE，FCC
Dimension	156x127.5x79.5mm
Weight	0.48kg（including battery）

RFID Desk Reader CER310

Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 26dBm
Reading Speed	50 tags/second by default
Communication interface	USB 2.0
Colour	White and Black
Certification	CE，FCC
Dimension	387x277x23.3mm
Weight	1.73kg（±0.01）

RFID Desk Reader Mini CER320

Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 26dBm
Reading Speed	50 tags/second by default
Communication interface	USB 2.0
Colour	White and Black
Certification	CE，FCC
Dimension	260x186x19mm
Weight	0.77kg（±0.01）

Equipment

RFID Label Printer CER120

Print Methods	Thermal transfer and direct thermal printing
Resolution	300 dpi
Maximum Printing Speed	12 ips (304.8 mm/s)
Maximum Printing width	4.16"(105.7 mm)
Maximum Printing length	196"(5000 mm)
Label Thickness	0.0024"-0.012"(0.06-0.305 mm), including liner thickness
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Certification	CE，FCC
Dimension	286x448x271mm
Weight	15kg

RFID Pedestal Reader CER510

Built-in system	Linux
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 30dBm
Communication interface	RS-232(DB9)、RJ45
Detection width	0.8~1.5m （max 2.2m）
Material	Acrylic + ABS + iron plate
Others	Infrared；Multichannel usage
Dimension	1370x370x105mm

RFID Overhead Reader CER511

Built-in system	Linux
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 33dBm
Communication interface	RS-232(DB9)、RJ45
Detection width	2.0~3.5m
Material	ABS + Aluminum
Dimension	480x220x70mm
Weight	2.5kg

Equipment

RFID Four-channel Fixed Reader CER500

Built-in system	Linux
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 33dBm
Communication interface	RS-232、RJ45
GPIO	3 sets of input；3 sets of output
Material	iron plate
Dimension	215x158x38mm
Weight	1.23kg

RFID Eight-channel Fixed Reader CER501

Built-in system	Linux
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 33dBm
Communication interface	RS-232、RJ45
GPIO	33 sets of input；3 sets of output
Material	iron plate
Dimension	215x158x38mm
Weight	1.2kg

RFID Antenna CERA050

Polarization	Circular
Frequency	902-928MHz/865-868MHz
Gain	9dBic
Maxium VSWR	1.3:1
Antenna Connection	N-type（Side outlet）
Material	ABS+Aluminum
Dimension	260x260x30mm
Weight	1.42kg

Equipment

RFID Antenna CERA051

Polarization	Circular
Frequency	902-928MHz
Gain	8dBic
Maxium VSWR	1.5:1
Antenna Connection	SMA（Side outlet）
Material	ABS
Dimension	334x134x17.5mm
Weight	0.6kg

RFID Integrated Reader CER502

Built-in system	Linux
Protocol	EPC global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz/865-868MHz
RFID Power Output	Maximum 30dBm
Communication interface	RJ45
GPIO	1 sets of input；1 sets of output
Material	ABS+Cast iron
Antenna	Near-field antenna or Far-field antenna
Dimension	129x129x49mm
Weight	0.44kg

RFID AutoDetacher CER036

Size	Φ152x110mm
Protocol	ISO/IEC 18000-6C & EPC global Class 1 Gen 2
Operating Frequency	865-868MHz/902-928MHz
Transmit Power	18~25dBm
GAIN	0.5dBic
VSWR	≤2
DC supply	12V/2A
Communication interface	RJ45, USB

ODM & OEM Services

Century RFID, with more than 20 years experience in tag design and manufacturing, provides you with quick and professional ODM&OEM services worldwide to meet your personalized needs.

Process	Timeframe	Output
Customer Requirement		
Evaluate the feasibility and quotation	1 week	Solutions and Quotation Sketch drawing if neccesary
Sign agreement and payment		Agreement if necessary
Graphic design(Antenna)	1 week	Product drawing for confirmation
Engineering	1 week	Product drawing for confirmation
Prototype	1 week	Manual Sample/Prototype
Making of Molds and Tools	3 weeks for inlay 40-50 days for plastic housing	Mold Samples
Pilot production	15 days	Samples
Mass production	T.B.C	
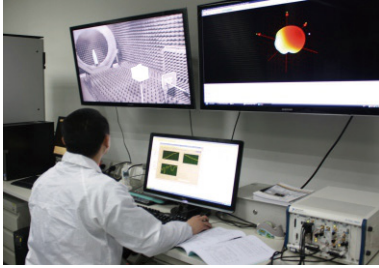
Wide array of patented antenna designs to meet any performance requirements.

How We Deliver the Best RFID Tags

Premium raw materials including Eco-friendly aluminum etched antennas and the latest generation chips from industry leaders.
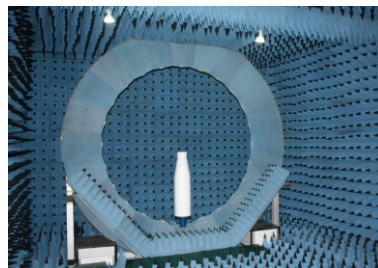
Design verification tested for performance, conformity and environmental adaptability.

Engineering verification tested for production feasibility and stability.

100% performance consistency testing before final delivery.

Strict quality control throughout the production process to deliver a reliable and consistent product.

Mass production verification tested for yield and productivity to ensure continuous capacity.

Help and Tips

Notes on tag selection

Here are some primary points of consideration when selecting an RFID tag：

Frequency: The tag's frequency is different in EU, US, and Global from our offer. Before selecting the tag, please advise which region you will use the tag.

- EU means the read range is tuned to the best between operation frequency 865-868MHz. It covers the region of European countries and the Middle East etc.

- US means the read range is tuned to the best between operation frequency 902-928MHz. It covers the region of America countries and most of Asia countries.

- Global means the tag is compliant worldwide with the different frequencies of theAmericas, Europe, the Middle East, Asia and Africa.
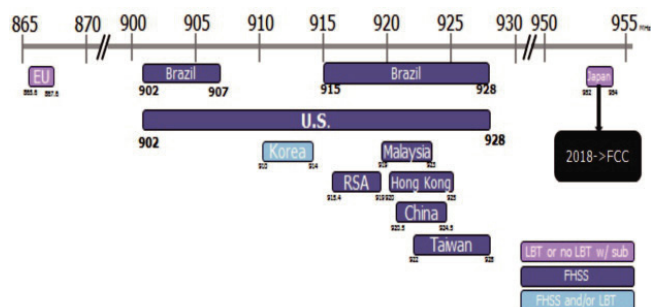
RFID chips: The tags use diverse RFID chips from top chip suppliers NXP, Alien, Impinj. The memory of the different chips will be one of key factors for your application.

IC Memory	Alien			Impinj						NXP		
	H3	H9	H10	MR-6	MR6-P	M730	M750	M830	M850	U7	U8	U9
USER	512	688	0~32	0	32	128	96	128	96	0	0	0
EPC	96	96	96~132	96	128	0	32	0	32	128	128	96
TID	64	96	96	96	96	96	96	96	96	96	64	96
Kill PW	32	32	32	0	32	32	32	32	32	32	32	32
Access PW	32	32	32	0	32	32	32	32	32	32	32	32 (lock)

What read range do you desire?

Generally the bigger the antenna size is, the better the read range has, however it is also related to the chips, design patterns, material etc.

The read range of the products on this catalog is based on our lab test and reader power is EIRP 2W.

In all instances tag performance is subject to and dependent on the item being tagged, the bonding agent applied, the nature of the RFID reader used to read the tag and the specific environment in which the tag is to be read.

What type of surface will be tagged? Metal, plastic, wood, fabric, etc.?

The surface to be tagged will affect the read range performance-especially the high dielectric constant materials like metal and liquid which will significantly affect performance

The tags we offer have on-metal tags as well as offmetal tags. The on-metal tag is especially designed to help enhance the performance of the tag when applied to metal surfaces

The environmental conditions, heat, cold, moisture, impact, etc.

IP rate will be an important factor for some excessive environmental conditions

- Tags to be used indoor, normal IP65 would be ok.
- Tags to be used outdoor, the tag should be IP67 or above.
- Tags to be used in water, the tag must be IP68 or above.

Method of attachment

Tagging methods vary, based on an item's shape, size, material and texture, as well as the environmental conditions. The tags offering provide various methods of attachment for different applications, including adhesive, lock-removable, sewn-in, hang-on, wind-up, embed, cable tie etc...

Notes on user guidance

Guide for label and tag with glue

The adhesive perormance is afected by the factors including the afixed surace mateial, roughes, dirtines, pressure, storagetime, peel speed, temperature, humidily etc. The standard gue has imited application range and is recommended to be used on normal paper, cardboanrd, ABs plastic, PNA. So there are no adhesive labels or tags can be applied to the objects of any material.

Special glue should be customized for some other surface material or special finished material depending on application.

For maximum adhesion, the following tips should be taken:

- The recommended storage temperature at 25'c and humidity at 40%RH, the operation limits -20°C to + 60°C,30%-70% RH

- Before sticking, make sure the affixing item is clean and dry

- Stick and press the tag to affix it well

- The adhesive performance will be best after 24 hours.
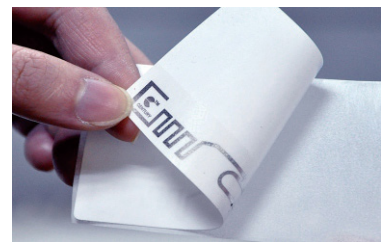
Guide for Lock-removable tag

- The HiLink and BLink serious products are mostly Lock-removable. Hilink Tags normally work with a suggested pin or lanyard.

- The tag should be removed by a specific magnetic or mechanism detacher like the picure showed. Please feel free to ask us a suggesion for the suitable detacher for your tag.

- The Blink tag will alarm when it is damaged, it can be stopped by the detacher.
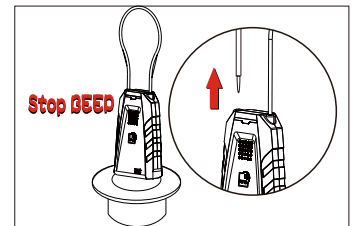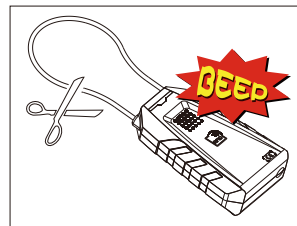
Order information

How to Place Your Order
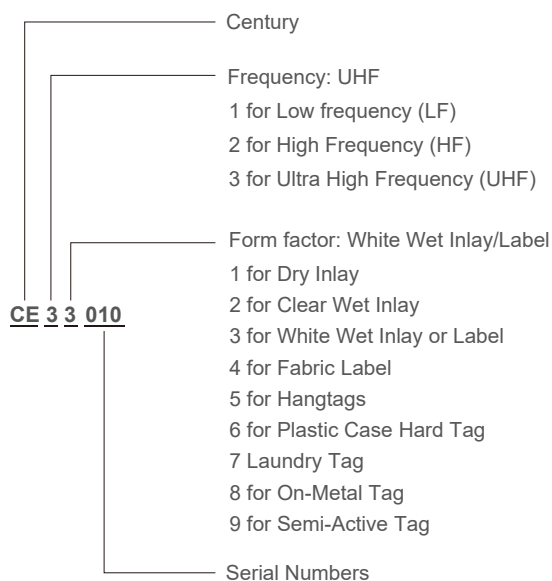
To purchase products found in this catalog, you may send your order via email to our contacts or our sales representatives. Order confimation willbe sent back to you within 24hours during workdays.

To help us serve you better, please kindly advise the product name, product code, and detaled specification, including the frequency range, material, chip, size, color, printing, encoding formats etc.

Part Number Guidance

Below is the general guide for Century Link Products Part Number for better understanding when you select the product and place your order.

Instruction and example:

Century

Frequency: UHF
1 for Low frequency (LF)
2 for High Frequency (HF)
3 for Ultra High Frequency (UHF)

Form factor: White Wet Inlay/Label
1 for Dry Inlay
2 for Clear Wet Inlay
3 for White Wet Inlay or Label
4 for Fabric Label
5 for Hangtags
6 for Plastic Case Hard Tag
7 Laundry Tag
8 for On-Metal Tag
9 for Semi-Active Tag

CE 3 3 010

Serial Numbers

Personalization Available

Pre- Printing options:

■ Methods options based on the products: Ink printing, Laser Marking, Ink Jet Printing, Printed Label Sticker

■ Contents options: QR code, Barcode, Variable Number, Customized Artwork, Customized Text

Pre- Encoding options:

■ Encoding area option: EPC/User Memory/Kill Password/Access Password

■ Encryption option: Lock/Perma-lock; Unlock/Perma-unlock

Contents option: TID/Serial Number/Read Barcode to encode/Customized

For more information,
please scan the QR code
and entre into our website.

For more information,
please scan the QR code
and follow our LinkedIn.

Follow us on sosial media to get the
latest product and solution information.