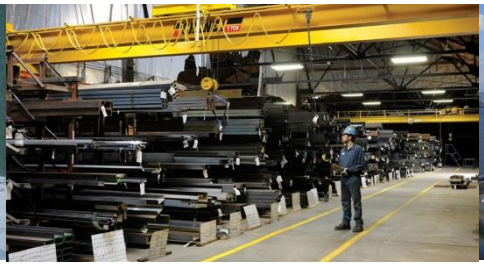
Super RFID may give you better idea!


Dr.Arimura Vision: CEO of SMART Co.,Ltd.

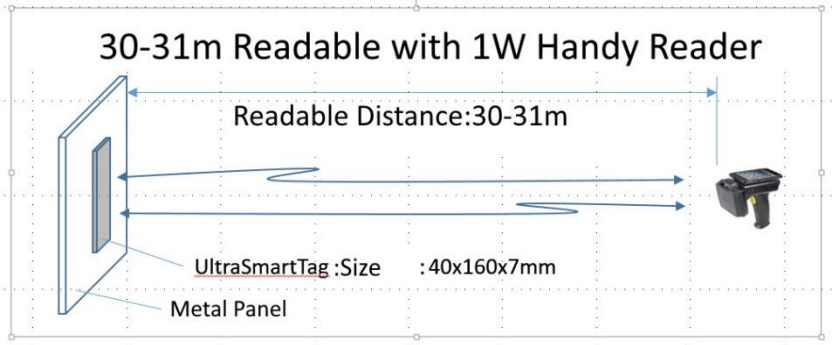
Origins and Developments: Smart card First Inventor in the world and RF Antenna Specialist. In 1970 a Japanese inventor, Kunitaka Arimura, filed the first patent for what we would now call a SMART CARD. His patent was restricted to Japan and to the technical aspects of the invention. Japanese cards manufactured under an Arimura license.
1970 Dr. Kunitaka Arimura of Japan filed the first and only patent on the smart card concept.

Products Line Up :

Fig.1:UUSL165402SD6

Fig.2:UUSL1402502BC5

Feature1 Super Long Range on metal surface



Feature2 Detectable in water and metal box

Job Example1: Material Management from the air with Drone

Smart corp. has developed the Long Range Ultra Universal Smart Tag which shows 20 to 30m Long Range performance on the metal. The tag could be used under sever condition as shadowy condition etc. Smart tag has showed the high marks at the actual proof test at material storage plant site by favour of the plant material control system developed by SkymatiX and Chiyoda Corp. The system will reduce labor cost extremely.

Job Example2: Metal or Wet Material Management in Warehouse

Metal parts or Wet material are not easy to sensing using with normal RFID but SMART Super RFID can detect these material even on metal surface or wet type of material base on special patented detective capability.

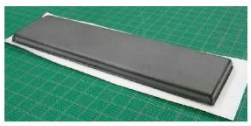
About Us

- Company SMART Co.,Ltd
- CEO Kunitaka Arimura
- Location 3-23-8, Kanda,Chiyoda-ku,Tokyo,No.3 Karasawa Build.2F 101-0047 Japan
- Establishment Aug.24,2000
- Capital $595k
- History Aug.1998 Established in 1998 as Integrated Business Co.,Ltd. In Kawasaki KSP.

  Oct.2005 Re-start as Smart Co.,Ltd. In Shinagawa
  Sept.2007 Office was moved at Yotsuya-3 chome.
  Sept.2020 Office was moved at Kanda

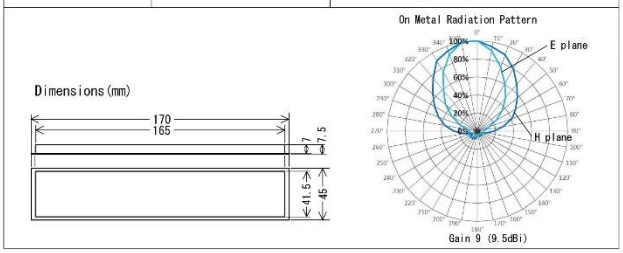
Product Data Sheet

Product Datasheet
Ultra Universal Smart Tag : UUSL165402BD6



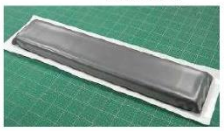
Electrical Specification

Item	Specification	
IC	Type	Impinj MonzaR6P
	Interface protocol	EPC Global Class1 Gen2 (ISO 18000-63)
	Operating frequency	902～928 MHz
	Memory	EPC memory 96 bit
	Operating temperature	-40℃～85℃
	Ambient temperature	-40℃～85℃
	Rewrite Cycle	100,000 times
	Ambient time(IC only)	50 years
Antenna structure	Laminated film	PET, Aluminum
Read range	Voyantic Theoretical value	30 m (31m MAX)
Core Materials	item	EFCEL E3020
	dimension	165mm×41.5mm×7mm
Cover	item	Nippi Tough Sheet PVC



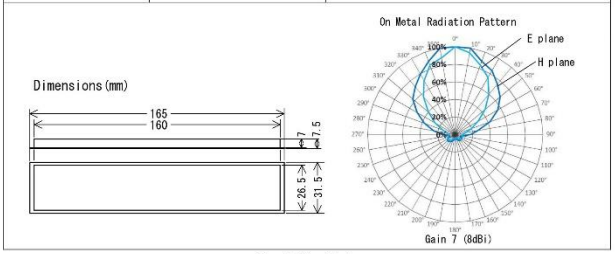
Smart Co.,Ltd.

Product Datasheet
Ultra Universal Smart Tag : UUSL1402502BC5
(UUSL1402502BC6)



Electrical Specification

Item	Specification	
IC	Type	Impinj Monza5 (R6P)
	Interface protocol	EPC Global Class1 Gen2 (ISO 1800-6 Type-C)
	Operating frequency	902～928 MHz
	Memory	EPC memory 128 bit (96bit)
	Operating temperature	-40℃～85℃
	Ambient temperature	-40℃～85℃
	Rewrite Cycle	100,000 times
	Ambient time(IC only)	50 years
Antenna structure	Laminated film	PET, Aluminum
Read range	Voyantic Theoretical value	20 m (22m)
Core Materials	item	EFCEL E3020
	dimension	160mm×26.5mm×7mm
Cover	item	Nippi Tough Sheet PVC



Smart Co.,Ltd.

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