

RFID TAG Specification

SmartRF

Application	On Metal Tag	Date	2023. 1. 1.			
Product Name	컨테이너 초장거리 RFID 메탈태그	Dev	SmartRF			
Product Code	Max06550-120-H4					
Protocol	<input checked="" type="checkbox"/> EPC Class1 Gen2 <input type="checkbox"/> ISO-18000-6B					
Frequency Range	<input checked="" type="checkbox"/> KR (917.0~923.5MHz) <input type="checkbox"/> EU (865.6~867.6MHz) <input type="checkbox"/> US (902.0~928.0MHz) <input type="checkbox"/> JP (952.0~954.0MHz) <input type="checkbox"/> CN (920.5~924.5MHz)					
Chip Type	<input checked="" type="checkbox"/> Alien Higgs4					
Chip Memory Spec (bits)	EPC	TID	User	Access	Kill	
	128	96	128	32	32	
Read Range	Country	Fixed Reader		Handheld		Etc
		Off-Metal	On-Metal	Off-Metal	On-Metal	
	KR(US,CN)		10 ~ 17M		10 ~ 17M	
	EU					
	JP					
Tag Spec	<ul style="list-style-type: none"> <li style="width: 50%;">▪ Material : PC + ASA <li style="width: 50%;">▪ Case Size : 65mm x 50mm x 12.0t(+ tape 1.0t) <li style="width: 50%;">▪ Operating Temp : -25 ~ 60 °C <li style="width: 50%;">▪ Storage Temp : -40 ~ 85 °C 					
Attachment	<ul style="list-style-type: none"> ▪ Acrylic Foam Tape ▪ Bolt 					
Reliability	Temp & Humid	Temp				
	40°C, 93%(96hr)	-40~70°C (200Cycle)				
Patent						
Business Field	- 항만 컨테이너 관리, 항만 야드트럭관리, 철도 관리...					