



# GB18U8 RFID Inlay Product Spec Sheet



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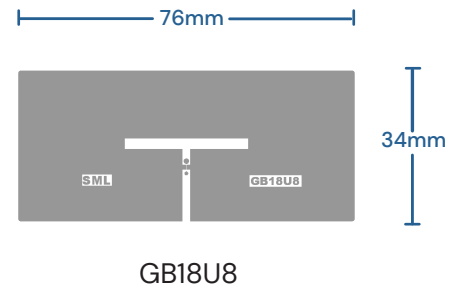
## Applications

Aviation Baggage - Automotive - Logistics

Supply Chain Management

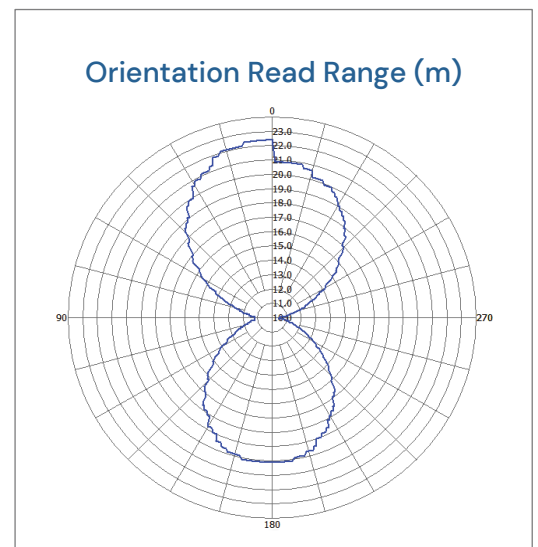
## Key Benefits

- ✓ Pre-Serialization of 96 bit EPC
- ✓ 3D Orientation Design
- ✓ Excellent Performance

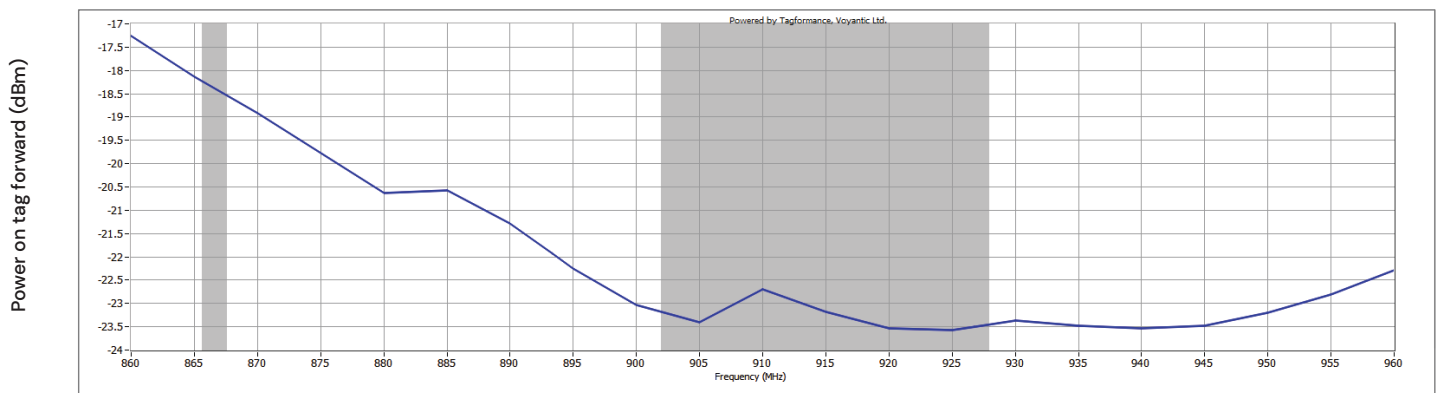


## Technical Features

Antenna Size / Web Width	76 X 34 mm [3.0 X 1.34 in] / 95 mm [3.74 in]
Integrated Circuit (IC) Type	NXP UCODE 8
Operating Frequency	860 - 960MHz
RF Communications Protocol	ISO/IEC 18000-63 and EPC Global Class 1 Gen2
ARC Approved Spec	F, G, I, K, L, N, Q, U,
Chip Memory	128 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
Read Sensitivity	-23 dBm
Write Sensitivity	-18 dBm
Operating Temperature	-5°C to 60°C / 23°F to 140°F
Operating Humidity	20% - 60% RH



Sensitivity Results from Free Space (dBm)



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