UHF RFID Inlay/Label
IDT 9662

The IDT RFID 9662 Label/Inlay powered by the advanced Higgs-3 core, offers exceptional performance and a comprehensive set of features. With a 96 bits EPC memory bank, this tag provides efficient tracking, authentication, and serialization capabilities. Its 512 bits of user memory allow for distributed data applications, while password-protected read and write support ensure data security. The IDT 9662 Label/Inlay tag finds applications in various industries, including corrugate cases, pallet placards, apparel hang tags, baggage tags, shipping labels, asset management, and file folder labels. It is a versatile and reliable solution for enhancing tracking, inventory management, and data organization.

PHYSICAL PARAMTERS

Label Dimension	74mm x 22mm
Antenna Dimension	70mm x 17mm
Adhesive	General Purpose Permanent
Interface Material	"Paper, TT Printable White Film Overlay"
Packaging	Premium Plastic Packing
Availability	Dry/wet inlay

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-25℃ to +50℃
Storage Temperature	-25℃ to +50℃
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Write Cycles	100,000
Shelf Life	2 years

RFID PERFORMACE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	"ISO/IEC 18000-6C EPCglobal Class 1 Gen 2"
Chip Type	Alien Higgs-3
EPC Memory	96 bits
TID Memory	64 bits
Read Range Fixed Reader	Up to 8m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 6m (Reader & Chip Dependent)

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.	IDT.RF.T.9662I.BL (Blank Inlay)
	IDT.RF.T.9662L.BL (Blank Label)

APPLICATION AREA

Retail	Supply Chain	Warehouse	Manufaturing	Healthcare	Logistics