

UHF RFID BOLT SEAL

IDT BLS 01



The IDT BLS 01Y/W/B is an advanced UHF Gen2 Long Range Passive Tag, specifically designed for high-security asset sealing. Its durable build and state-of-the-art RFID technology ensure unmatched protection against unauthorized access. By seamlessly integrating with tracking systems, this tag provides real-time visibility and precise identification, making it perfect for industries requiring superior security and efficient asset management. Common applications include shipping and logistics, customs and border control, warehousing, high-value asset protection, and energy/utilities sectors.

PHYSICAL PARAMETERS

Dimensions	150mm x 25mm x 16mm
Weight	120g ± 5
Encasement / Material	ABS/PC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +120°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Sealing	IP 68
Shock & Vibration	MIL STD 810-G
Attachment	Locking Mechanism

UHF PERFORMANCE

Working Frequency	865 – 868 MHz / 902 – 928 MHz
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent

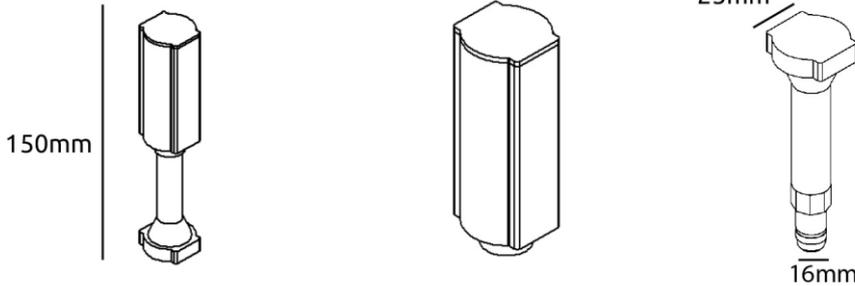
Read Range Fixed Reader

Up to 5m (Reader & Chip Dependent)

Read Range Handheld Reader

Up to 3m (Reader & Chip Dependent)

TAG DIMENSION



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.BLS.01B.BL (Blank)

IDT.RF.T.BLS.01W.BL (Blank)

IDT.RF.T.BLS.01Y.BL (Blank)

APPLICATION AREA



Shipping and Logistics



Customs and Border Control



High-Value Asset Protection



Warehousing and Inventory Management



CFS Station



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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