

IDT UHF SMART TROLLEY



RFID
Detection



Real-Time
Tracking



Smart
Billing



Seamless
Integration

The IDT UHF RFID Smart Trolley is a modern, RFID-based smart shopping trolley that simplifies item tracking and speeds up checkout. Using advanced UHF RFID and IoT technology, it instantly detects multiple tagged products without manual scanning, creating a smooth and fast shopping experience. Ideal for supermarkets and retail stores, the trolley improves operational efficiency through real-time visibility, automated billing, and reduced queues, making in-store shopping more convenient and efficient.

PHYSICAL PARAMETER

Dimension	Customizable
Weight	Variable
Gain	4/6 dBi
Display	10-inch Interactive Display Tablet
Battery	4-5 hours of battery life for uninterrupted
Indicator	usage. Notification
Color	White
Reflector Material	Aluminium
Housing Material	ABS

PERFORMANCE

Working Frequency	865 - 868 MHz / 902 - 928 MHz
Air Interface	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
Read Range	0-3 m
Power Output	0-30 dBm (adjustable)

ADVANTAGES

1. AI based
2. Central Monitoring
3. Data Analysis
4. Mobile Self Checkout

ORDER INFORMATION

Part Number	IDT.UHF.ST.001
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APPLICATION AREA



Retail

**Note: All specifications are subject to change without prior notice to ensure continuous improvement and technological upgrades.*



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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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