

# IDT RFID SELF-CHECKOUT (SCO) SYSTEM



RFID  
Detection



Smart Self-  
Service



Seamless  
Integration



Contactless  
Billing

The IDT Self-Checkout (SCO) system optimizes retail point-of-sale operations by leveraging UHF RFID technology to enhance security and streamline the checkout process. This automated solution accelerates customer transactions by swiftly and accurately scanning hundreds of items without the need for direct line-of-sight. The IDT SCO platform, equipped with advanced RFID capabilities, identifies tagged items seamlessly during checkout, contributing to effective loss prevention through precise item tracking measures with the added benefits of customizable design and adjustable reading range.

## PHYSICAL PARAMETER

<b>Dimension</b>	Customizable
<b>Weight</b>	Variable
<b>Gain</b>	4/9dBi/12dBi dBi
<b>Display</b>	10/21.5/32-inch Interactive Display Tablet (Customizable)
<b>Color</b>	Black/White or custom
<b>Battery</b>	6-8 hours of battery life for uninterrupted usage.
<b>Printer</b>	80mm thermal printer with auto cutter
<b>Reflector Material</b>	Aluminium
<b>Housing Material</b>	ABS/Wood/Acrylic

## PERFORMANCE

<b>Working Frequency</b>	865 - 868 MHz / 902 - 928 MHz
<b>Air Interface</b>	EPC Class 1 Gen2 (ISO18000-6C)
<b>Read Range</b>	0-3 m (adjustable)
<b>Power Output</b>	0-30 dBm (adjustable)
<b>Communications</b>	Ethernet, USB, RS232, Rj45

Power Output	0-33 dBm (adjustable)
Power Output	0-34 dBm (adjustable)
OS Support	Windows 10, Android 7.1 and higher
Drivers	Java

## ENVIRONMENTAL SPECIFICATION

Working temperature	0~40°C
Working humidity	20%~80%
Storage temperature	-20~60°C
Storage humidity	10%~90%

## ORDER INFORMATION

Part Number	IDT.UHF.SCO
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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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