![IDTECH - IDENTITY AND SECURITY]

IDT Smart Fitting Room (SFR)

UHF
RFID

Seamless
Integration

Interactive
Display

In-room
Assistance

The Smart Fitting Room (SFR) is an advanced RFID-enabled retail solution designed to enhance in-store customer experience and boost conversion rates. By integrating UHF RFID technology, interactive displays, and real-time inventory visibility, the system automatically identifies items brought by shoppers into the fitting room and delivers personalized recommendations.

DISPLAY SPECIFICATION

Screen Sizes	15.6" / 21.5" / 27" (optional)
Touch Technology	Capacitive Touch
Operating System	Android / Windows
Connectivity	Wi-Fi, LAN, Bluetooth
Power Supply	12V DC / 24V DC
Interfaces	RJ45, USB, GPIO, RS232
Housing Material	ABS

PERFORMACE

Working Frequency	865 - 868 MHz / 902 - 928 MHz
Storage Temperature	EPC Class 1 Gen2 (ISO18000-6C)
Read Range	1–6 meters (depending on antenna)
Power Output	0-33 dBm (adjustable)
Antenna	Circular

OPTIONAL ADD-ONS

1. AI-based style recommendations
2. Integration with mobile apps & loyalty programs
3. Smart mirror with virtual try-on
4. Cloud-based analytics engine

ORDER INFORMATION

Part Number	IDT.UHF.SFR.001

APPLICATION AREA

Retail

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