

PRODUCT DATASHEET

ACUBE SMART TRAY

Acube Smart Tray is an ultra portable RFID 3-D Scanner used to enhance customer Experience. The Business intelligence gathering, and Analytics device is Unique interactive tray for the jewelry Industry. Short range scanning of Selected jewels or Stones on the tray makes interactive and compatible device for Jewelry shops and Retail Stores



UHF RFID

Supported standard	ISO 18000-63 (EPC Class 1 Gen2 V2) AES authentication in accordance with ISO/IEC 29167-10 supported
Operational frequency	Global 860-960MHz
Communication	Bluetooth
Integrated Antenna	Circular cross dipole antenna
Read range	Up to 1 m
Mode of Operation	Passive

PRODUCT HIGHLIGHTS

- Extra small UHF RFID reader with Bluetooth connectivity
- Suitable for easy read/write
- Easy installation
- USB powered

INTERFACE & CONNECTIVITY

Indicators	2 LED indicators
CPU	ARM Cortex-A17 Quad-core 1.6GHz
RAM+ROM	2GB+16GB
ESD	±8KV air discharge, ±4KV conductive discharge
Input Mode	Touch input
Keypad	5 soft buttons(volume up, volume down, home ,menu,return), 1 power key
Display	7" IPS FHD ,full-perspective capacitive screen , 1920*1080

SOFTWARE APPLICATIONS

- RFID Demo Software for testing reader capabilities
- RFID Configurator software for configuring the reader

DEVELOPING ENVIRONMENT

Operating System	Android 5.1
SDK	Acube Software Development Kit
Language	Java

ENVIRONMENTAL RESISTANCE

Operating Temperature	-20°C~50°C
Operating Humidity	-20°C~55°C
Storage Temperature	-20°C~50°C

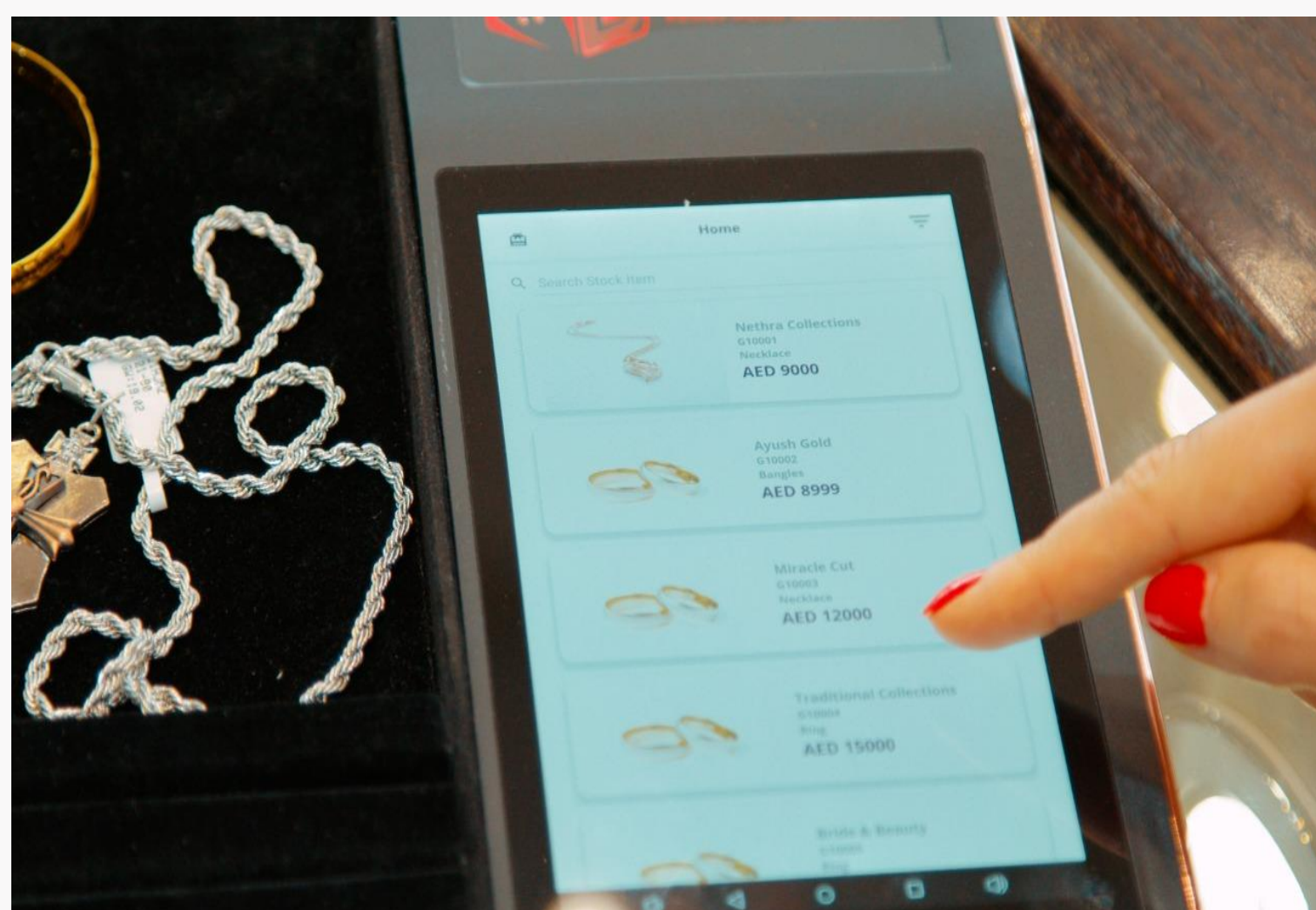
SIZE & WEIGHT

Dimensions	370(L)*260 (W)*22(H)mm
Weight	1420g



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BENEFITS

- Accurate and Instant read
- Selective Item Scanning
- Suited for Jewellery shows and Retail stores
- Simple & Easy to use
- Enhance customer Experience
- User-friendly interface ensures outstanding user experience
- Can be integrated into cashing and store management software for better operation.
- Gives the retailers the ability to generate new revenue with branded direct marketing when the screens are inactive.
- Enables the customer to quickly learn about the product features and benefits using different types of content – images, text, video etc.

COMMUNICATION

Wi-Fi	Support 802.11 a/b/g/n
Bluetooth	Support bluetooth 4.1 BLE, transmit distance 5-10 Meters
GNSS	GPS/AGPS, GLONASS, BeiDou; internal antenna

ACCESSORIES



APPLICATIONS



Customer Interaction

- Item Information Display
- Item Comparison & Shortlist
- Price Estimates
- Special prices & promotions



Business Intelligence

- Analyze customer buying trends
- Item wise statistics
- Evaluate sales efforts
- Record total view & shortlists

