

Trading Card Game Vending Machine Specification Sheet



Product Name	Trading Card Game Vending Machine
Model No.	TCG11
Document Version	V1.0
Document No.	RY-VM-SPEC-TCG11
Release Date	2026-08-10
Manufacturer	Guangzhou Reyeah Technology Co., Ltd.
Applicable Market	Global (EU / US / Middle East / Southeast Asia)
Document Purpose	Technical Specification Confirmation

I. Product Overview

This vending machine is an intelligent retail device designed for trend-conscious players, supporting automated sales of multi-brand, multi-series card packs and blind boxes. The device features a themed interface, dynamic lighting effects, and an interactive operation flow, delivering an immersive, engaging, and efficient card-drawing experience for users. The system offers flexible channel configuration and cloud-based operation capabilities, adapting to new product launches, limited-time events, and co-branded themes. It is suitable for shopping malls, trend toy stores, game stores, exhibitions, and pop-up events, effectively enhancing foot traffic attraction and on-site interactive atmosphere.

II. General Information

Item	Description
Product Model	TCG11
Product Type	Trading Card Game Vending Machine
Brand	Reyeah
Manufacturer	Guangzhou Reyeah Technology Co., Ltd.
Place of Origin	Guangzhou, China
Applicable Scenarios	Shopping malls, trend toy stores, game stores, anime exhibitions, pop-up events, campuses, scenic spots, offline collection stores

III. Appearance & Structure

Item	Specification
Dimensions	W 845 × D 590 × H 1998 mm (Customizable)
Net Weight	147 kg
Color	White (Custom spray paint or film available upon request)
Display	43-inch HD Capacitive Touch Screen (1920×1080)

Main Structure	Cold-rolled steel plate
Lighting System	Built-in LED lighting with automatic on/off control

IV. Electrical & Control System

Item	Specification
Rated Voltage	AC 100–240V, 50/60Hz
Power Consumption	80W
Main Control Board	Industrial-grade ARM main control board
Operating System	Android (Customizable SDK available)
User Interface	Touch screen + Graphical UI
Communication	4G / Wi-Fi / LAN
Cloud Management	Remote monitoring, inventory statistics, ad publishing, device alerts
Software Platform	Reyeah Cloud / Custom backend system
Electrical Safety	Overload protection / Short-circuit protection / Leakage protection

V. Product Channel System

Item	Specification
Type	Spring coil channel
Quantity	8 layers, 3 channels per layer
Product Capacity	MAX 768 pcs (depending on spring and product dimensions)
Adjustment	Supports multiple channel adjustments to accommodate different products

VI. Payment & Interaction

Item	Specification
Payment Methods	Credit card / Banknote (Optional) / Coin (Optional)
Advertising System	HD video playback, image carousel, remote ad push
Voice Prompt	Chinese/English voice guidance (Customizable, multi-language support)
Camera Module	Optional AI camera (Face recognition / Ad interaction)
Identity Verification	Face recognition (Optional) + ID card scanning, preventing underage purchases

VII. Safety & Design

Item	Specification
Lock System	Industrial-grade anti-theft lock
Electrical Protection	Automatic leakage, short-circuit, and overload protection
Material Thickness	≥1.2 mm, anti-pry reinforced structure
Cooling System	Natural ventilation + intelligent fan control
Noise Level	≤55 dB

VIII. Expansion & Options

- AI Camera Recognition: Face recognition, gender/age analysis, ad interaction
- Identity Verification Module: Additional identity verification module can be installed
- Custom Software Interface: Third-party applications or branded interfaces can be integrated

IX. Environment & Compliance

Item	Specification
Operating Temperature	0–50°C
Storage Temperature	–10–60°C
Operating Humidity	≤90% RH (No condensation)

X. Packaging & Logistics

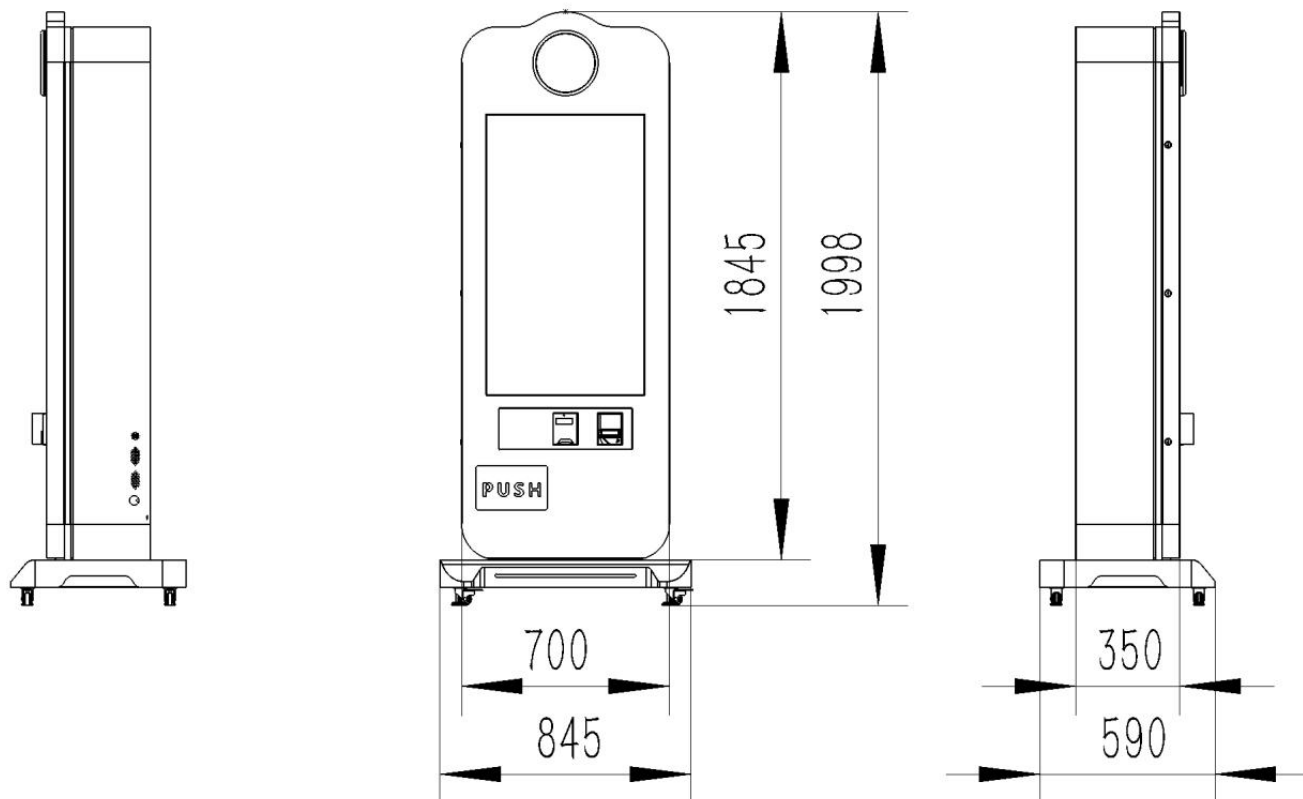
Item	Description
Packaging	Export-grade wooden crate / Carton + shockproof foam
Packaging Dimensions	W 900 × D 640 × H 2100 mm (Subject to actual dimensions)
Gross Weight	200 kg (Subject to actual dimensions)
Storage & Transport Conditions	Moisture-proof, sun-proof, avoid tipping
Transport Mode	Land / Sea / Air / Express
Accessories	Power cord, keys, tool kit

XI. Service & Warranty Terms

Item	Description
Warranty Period	12 months for the entire machine, lifetime maintenance service
Service Support	Online technical support + remote diagnostics
Software Upgrade	Free OTA upgrade

XII. Appendix

Product Appearance



Module System Structure

