RAYNEN 睿能科技

股票代码：603933

S200

单头/少头电脑刺绣机控制系统

Single-head / Few-head Computerized Embroidery Control System

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关于睿能

睿能科技主要从事工业自动化控制产品的研发、生产、销售业务和半导体产品分销业务，工业自动化业务聚焦控制与驱动技术的研发创新，以领先技术为装备制造企业提供智能化产品与定制化解决方案，深度服务于纺织、缝制、机床、3C电子、机器人、印刷包装、暖通、冶金、采矿、化工、能源电力、水务环保等领域，助力生产设备效能提升及数字化智能化升级。

睿能科技一直以 “用卓越自动化共创美好未来” 为使命愿景，践行 “客户第一、真诚协作、结果导向、追求卓越” 的核心价值观，致力成为世界一流的智能化工业自动化产品和解决方案供应商，实现企业价值与客户价值的共同成长。

About **Raynen**

Raynen Technology is mainly engaged in the research and development, production, and sales of industrial automation control products, as well as the distribution of semiconductor products. Its industrial automation business focuses on the research and innovation of control and drive technologies, providing intelligent products and customized solutions to equipment manufacturing enterprises with leading technologies. It deeply serves fields such as textiles, sewing, machine tools, 3C electronics, robotics, printing and packaging, HVAC, metallurgy, mining, chemical industry, energy and power, and water and environmental protection, helping to improve the efficiency of production equipment and promote digital and intelligent upgrades.

With the mission and vision of "Excellence in Automation, For a Bright Future" and practices the core values of "Customer First, Sincere Collaboration, Result Oriented, and Pursuit of Excellence", Raynen Technology is committed to becoming a world-class supplier of intelligent industrial automation products and solutions to enhance both the corporate value and customer value together.

单头/少头电脑刺绣机控制系统

Single-head / Few-head Computerized Embroidery Control System



S200支持1～4头，正面接口；S200E支持单头，侧面接口

S200 supports 1 to 4 heads with front-side interface;
S200E supports single head with side interface.



S200系列刺绣机电脑控制系统是专门针对单头/少头刺绣机控制特点设计的集成式电控系统。

The S200 series embroidery machine control system is an integrated control system specifically designed for the control characteristics of single-head / few-head embroidery machines.

主要特点
Key Features

01 双CPU独立架构
Dual-CPU Independent Architecture

绣作控制与HMI、花样处理、网络完全独立，保证绣作稳定的同时，HMI可支持视频播放、语音控制等创意功能。

Embroidery control is fully decoupled from HMI, pattern processing, and networking, ensuring stable embroidery operation while allowing the HMI to support creative functions such as video playback and voice control.

02 高集成模块化设计
Highly Integrated Modular Design



系统高效稳定，安装维护简单。

Efficient and stable system with simple installation and maintenance.

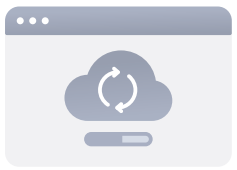
03 支持伺服主轴
Supports Servo Spindle



瞬间3倍过载，抗负载能力大。

Instantaneous 3x overload capacity, strong load resistance.

04 人机交互界面
Human-Machine Interface



10.1寸高清LCD触摸屏：分辨率 1280×800，视觉效果更清晰。

图标化交互：以形象化图标为主，操控简洁方便。

10.1-inch HD LCD Touch Screen: 1280×800 resolution for clearer visual effects.
Icon-based Interaction: Mainly using visual icons for simple and convenient operation.

05 大容量存储
Large Storage Capacity



存储针数达 1 亿针，单个花样可达 1000 万针、3000 次换色，满足复杂花样设计需要。

100 million stitches storage capacity, with single pattern supporting up to 10 million stitches and 3,000 color changes, meeting complex pattern design requirements.

06 智能应用
Smart Applications



可视化成衣框：内置可视化成衣框选择，方便排版生产。

个性化创意：自带涂鸦绣、多语种字母绣，满足个性化创意及多语言文字刺绣需求。

Visual Garment Frame:Built-in visual garment frame selection for convenient layout and production.
Personalized Creativity:Built-in graffiti embroidery and multi-language letter embroidery to meet personalized creative needs and multi-language text embroidery requirements.

主要特点
Key Features

07 智能网络
Smart Networking



支持内置 WiFi 无线模块，便于与其它设备连接，实现数字化、网络化、智能化。

Supports built-in Wi-Fi module for easy connection with other devices, enabling digitalization, networking and intelligent operation.

08 支持独立压脚
Supports Independent Presser Foot

支持多种换色、剪线驱动方式，匹配各种复杂机型。

Various color change and thread trimming drive methods to match complex machine types.

09 支持多种特种绣外挂装置
Supports Various Special Embroidery Add-on Devices



叠片、多金片、散珠、珠加叠、简易绳绣、激光、热切割等，适应不同的刺绣应用。

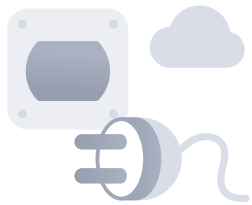
Stacked sequins, multi-sequins, bead embroidery, bead & sequin combination, simple rope embroidery, laser, thermal cutting, etc., to suit different embroidery applications.

10 特种机型支持
Special Machine Type Support

支持盘带、毛巾 S280 等特种机

Supports tape embroidery, lock-stitch looping S280 and other special machine types.

11 宽电压设计
Wide Voltage Design



单相供电范围可宽至 85～265VAC，可适应各个区域电网。

Single-phase power supply range from 85 to 265VAC, adaptable to various regional power grids.

12 全球化支持
Global Support



支持中、英、阿、土、西、俄、葡、法、泰、荷、德、意、韩、日、孟加拉、印地语、越南等 20 余种语言，满足全球化销售需求。

Supports 20+ languages including Chinese, English, Arabic, Turkish, Spanish, Russian, Portuguese, French, Thai, Dutch, German, Italian, Korean, Japanese, Bengali, Hindi, Vietnamese, etc., meeting global sales requirements.

睿能EDS刺绣制版软件

EDS EMBROIDERY PATTERN-DESIGN SYSTEM



睿能 EDS 刺绣制版软件支持平绣、简易毛巾绣、绳绣、盘带绣、贴布绣、光绣、雕孔绣、烫钻绣、亮片珠子绣等多种绣法，不仅满足市场上多样化的刺绣需求，更为刺绣企业带来无限的创新可能；软件采用 64 位架构，充分利用电脑硬件与视窗操作系统性能，完美适配 4K 显示屏，界面菜单与按钮大小适中，清晰可辨，同时仿真效果全面优化，绣线、金片、珠子的立体感与真实感显著提升。

The Raynen EDS Embroidery Digitizing Software supports a wide range of stitch types including flat embroidery, simple chenille, rope embroidery, tape embroidery, patch embroidery, luminous embroidery, punched embroidery, hot-fix rhinestone embroidery, sequin & bead embroidery, and more, meeting the diverse needs of the embroidery market while bringing unlimited creative possibilities to embroidery businesses; built on a 64-bit architecture, it fully leverages PC hardware and Windows operating system performance, offers seamless 4K display compatibility with properly sized and clearly visible interface menus and buttons, and delivers significantly enhanced simulation effects for more realistic, three-dimensional rendering of threads, sequins, and beads.

涂鸦绣 Graffiti Embroidery

涂鸦绣模拟手绘涂鸦效果，支持自由曲线和随机针迹

Simulates hand-drawn graffiti effects, supporting free curves and random stitches.

文字绣 Text Embroidery

高精度文字刺绣，支持多种字体，支持多语言（中文、英文、阿拉伯文等）

High-precision text embroidery, supporting multiple fonts and languages (Chinese, English, Arabic, etc.)

定位绣 Positioning Embroidery

基于视觉辅助的精确定位功能，确保刺绣图案与面料裁片完美对齐

Based on visual-assisted precise positioning, ensure perfect alignment of the embroidery pattern with fabric pieces.

照片绣 Photo Embroidery

4 色照片绣，高仿真精准还原

4-Color Photo Embroidery, High-Simulation Accurate Restoration.

图片绣 Picture Embroidery

基于视觉辅助的精确定位功能，确保刺绣图案与面料裁片完美对齐

Automatically recognize image colors, quantify color data, and generate embroidery plate-making.

服务网点

Service Network

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广东 · 东莞 Dongguan, Guangdong 13380945352

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