

# Specification

**Product Name:** 15.6" Paperless Lifting Integrated Machine

**Product Model:** HY-7200/15T

**Document Version:** A/1 (2024.4.15)

**Production Department:** Product Department

Huain (Zhuhai) Digital Technology Co., Ltd.

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## 1、Product Overview

### 1.1 Product Image



### 1.2 Dimensions and Weight

Panel Dimensions (LxWxH)	555×70×3mm
Chassis Dimensions (LxWxH)	540×60×647mm
Screen Size	15.6"
Lift Window Size	388×24mm
Packaging Method	Foam + Carton

## 2、Product Specifications and Parameters

### 2.1 Product Description

It adopts 15.6" high-definition touch screen, aluminum alloy embedded with tempered glass, IPS full-viewing angle display; supports 1920×1080 high-definition display, with 10-point capacitive touch and backlight adjustment functions (supports customized 4K resolution); the ultra-thin touch high-definition screen and the lifter adopt an integrated design, with no exposed

connecting wires, no connecting backplane, no exposed screws, and the overall appearance is beautiful; the high-definition touch screen adopts automatic power supply and power-off mode, the screen automatically powers on after rising, and the screen automatically powers off after falling, which is economical and environmentally friendly; supports an adjustable range of  $120^{\circ}$ , and the panel has independent control buttons for rising, pausing, and falling to ensure the best viewing and touch viewing angle; supports HDMI and VGA signal input, the system has the function of automatically identifying signals and manually switching selection through panel buttons; built-in loop-through output power interface, which can power the lifting terminal hand in hand, reduce the wiring of power sockets, and make the wiring on the project site more neat and beautiful.

## 2.2 Functional Parameters

1. 15.6" HD Touch Screen: Features aluminum alloy with embedded tempered glass and IPS full-view display.
2. Dual Slide Rail Lift Structure: Allows synchronous or asynchronous control of screen and microphone lift.
3. Integrated Dual Screen Design: Uses asynchronous driving to ensure the dual screens can display different content simultaneously.
4. Resolution and Touch Capabilities: Supports  $1920 \times 1080$  HD display with 10-point capacitive touch and backlight adjustment (4K resolution customization available).
5. Rear Screen: 10.1" HD display with  $1280 \times 800$  resolution and IPS full-view display.
6. Customizable Display Information: Supports unit logos, meeting themes, participant names, and titles.
7. Customizable Background Templates: Supports custom layout of displayed information, including various fonts, sizes, and colors.
8. Integrated Design: Ultra-thin touch screen and lift mechanism with no exposed wires, backplate, or screws, for a sleek appearance.
9. Automatic Power Management: Screen powers on when lifted and off when lowered to save energy and be eco-friendly.
10. Compatibility and Efficiency: Compatible with various Windows systems; pairs with mini computers that are low heat, low power, fast, and fully functional.

11. **Stable Lift Control:** Features a multi-point balanced lift control system and dual silent slide rail structure for smooth, even lifting.
12. **Digital Intelligent Synchronization:** Uses advanced positioning technology for accurate, uniform lift speed and smooth operation.
13. **Premium Build:** Full aluminum structure with CNC precision machining; screen thickness less than 7mm, providing a refined, lightweight, and elegant design.
14. **Lightweight Construction:** Weighs 1/3 of conventional models; panel thickness is 3mm, width is 70mm, reducing transportation costs and minimizing pressure on conference tables.
15. **Surface Treatment:** Anodized finish with options for sandblasting or brushing, meeting corrosion-resistant industry standards.
16. **Durable Panel Buttons:** Military-grade metal buttons with high sensitivity and no delay, even after prolonged use.
17. **Quick Power Buttons:** Includes a computer switch button on the panel for manual power control to protect the device and prevent data loss or damage.
18. **USB Data Interface:** Supports charging of phones and tablets, USB data import, and connection of mouse and keyboard.
19. **Adjustable Angle:** Supports a 120° range with independent control buttons for raising, pausing, and lowering for optimal viewing and touch angles.
20. **Control Options:** Supports manual, RS-232, software, remote, central control, and grouping control methods.
21. **Signal Input:** Supports HDMI and VGA inputs with automatic signal recognition and manual switching via panel buttons.
22. **Signal Handling:** Automatically detects single signal inputs, allows manual switching between dual inputs, and enters power-saving mode with no signal.
23. **Built-in Power Output:** Features a pass-through power output interface for powering additional lift terminals, reducing power socket wiring and ensuring a tidy setup.
24. **Advanced Chip Technology:** Uses "IRIN" chip with DSP/DDOV digital conference technology for digital signal transmission and processing.
25. **High Sensitivity and Fidelity:** Supports 48KHz audio sampling rate with high-fidelity audio

transmission, clear voice pickup, and frequency response of 30Hz-20KHz.

26. Copper Connectors: Microphone connectors and all screws are made of pure copper to ensure stable quality and optimal sound pickup distance and quality.

27. Meeting Modes: Supports five modes—limited number, FIFO, LIFO, chairman permission, and free discussion (depending on the main unit).

28. Speaker Limitation: Allows 1 to 9 speakers; chairman and VIPs are unrestricted, and free discussion mode has no speaker limits.

29. Automatic Tracking and Switching: Works with HD cameras for automatic speaker tracking and scene switching, with options for freeze framing and multi-camera tracking of the same conference unit.

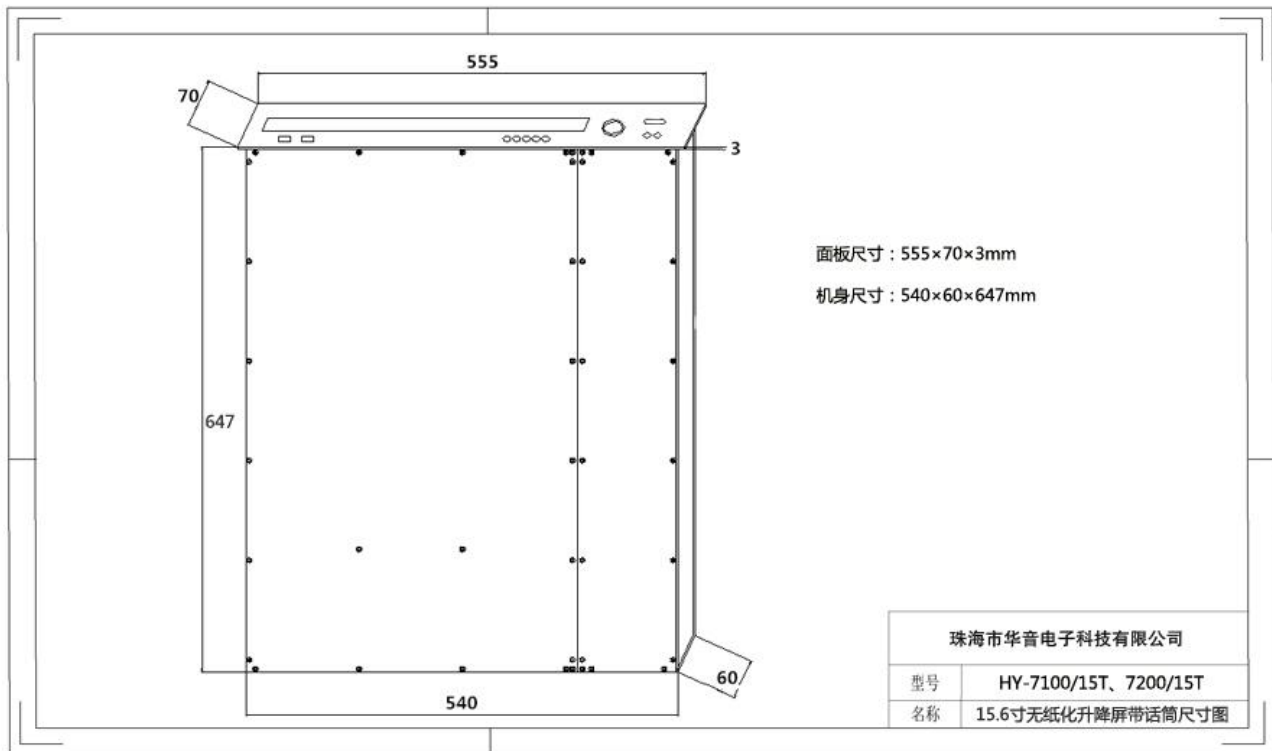
### 2.3 Technical Parameters

Working Power Supply	AC100V~240V 50/60Hz
Compliance Standard	IEC60065 international standard
System Capacity	30 units per channel, expandable to 65,535 units
Microphone Type	Cardioid electret
Frequency Response	30Hz~20KHz
Signal-to-Noise Ratio	>90dB
Dynamic Range	96dB
Total Harmonic Distortion	< 0.05%
Microphone Sensitivity:	-37dB ± 2dB
Number of Active Units	1/2/3/4/5/6/7/8/9 or all
ID Numbering Function	Customizable ID numbers
Camera Tracking	Included
Equivalent Noise	20dBA (SPL)

Maximum Sound Pressure Level	125dB (THD<3%)
Number of Chairmen	8 units
Number of VIPs	Multiple units
Microphone Rod Length	380mm
Power Consumption	45W
Display Screen Size	15.6" (34.2×19.5mm)
Display Ratio	16:9
Display Resolution	1920×1080
Contrast Ratio	600:1
Brightness	300cd/m <sup>2</sup>
Rear Screen Size	10.1" (220×140mm)
Rear Screen Ratio	16:9
Rear Screen Resolution	1280×800
Display Thickness	<7mm
Backlight Type	WLED, 15K hours, with LED driver
Video Interfaces	HDMI、VGA
Lift Control	Manual, remote, software, grouping, central control RS-232/485
Control Interfaces	Dual RJ45, power switch, data transmission interfaces
Material	Full aluminum alloy
Craftsmanship	CNC precision machining, anodized finish
Installation Method	Embedded

### 3、Product Introduction

#### 3.1 Cutout Dimensions





### 3.2 System Connection Diagram

