



## Description

It integrates dual systems, infrared touch control, and a high-definition 4K display screen, combining multiple functions such as electronic whiteboard, network, computer, TV, speakers, and shortcut keys. Paired with rich meeting resource software, it makes meetings more efficient and smooth.

The entire machine features a metal casing design, ultra-narrow bezel, ultra-thin body, and rounded corners. The product should not have any dangerous sharp edges or points. Corners and frame areas should be rounded or chamfered for safety and reliability. It is moisture-proof and resistant to salt spray corrosion and rust, making it suitable for various environments.

The entire design features infrared touch to prevent the writing surface from falling off, and it is wall-mounted and easy to disassemble. Exterior materials: front frame aluminum alloy with anodized finish, back panel galvanized steel with painted finish.

## Features

1. LCD LED display screen. Zero-lamination technology reduces reflections, polarization, and scattering between the LCD panel and tempered glass;
2. Anti-glare function: 4mm thick AG tempered glass, anti-glare, reduces the impact of glass reflection, reflectivity is less than 1%;
3. The front USB 3.0 port supports reading from both Windows and Android systems;
4. The device features seven front-panel physical buttons with Chinese characters printed on them: screen recording, aspect ratio, volume down; volume up; settings, eye protection, and power. The power button has a dual-color indicator light and functions as a three-in-one button for powering off the entire device, shutting down the computer, and power saving.
5. Hidden menu function: The device adopts a virtual design with left and right sidebars in any channel, which can open annotations, running list, sub-menus, etc. The device sub-menu can call up functions such as volume +/-, brightness +/-, countdown, stopwatch, screen recording, screen freeze, screenshot, split screen mode, photo taking, voting device, file transfer, calendar, touch lock, screen lock and other quick application areas.
6. It features a touch-sensitive floating menu with 8 shortcut functions. The floating menu can be accessed by touch and moved to any position on the screen. The floating menu has a quick annotation function, a quick switch to the OPS system, and can be customized as needed. The floating menu also has a home page and can take you directly to the Android home page with one click.
7. It supports the Bluetooth 5.0 standard, and the device can be connected to a Bluetooth speaker via Bluetooth module to play the device's audio.
8. Supports adjustment of left and right channel balance; mid and treble adjustment functions. Four customizable sound effect modes are also available.
9. The whiteboard supports switching between single-point and multi-point writing, gesture erasing, zooming and panning, email sending, and table insertion; it also supports QR code sharing, local and network selection, and current page and all page selection; it supports large and small pen strokes, and allows setting different colors and thicknesses; it supports original handwriting; and it supports saving files in multiple formats such as document, PDF, and JPG.



### Specification

|                                    |                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| size                               | 98 inches                                                                                                                                                |
| Display area (mm)                  | 2158.848(H) x 1214.352(V)                                                                                                                                |
| resolution                         | 3840 x 2160                                                                                                                                              |
| Display ratio                      | 16:9                                                                                                                                                     |
| Overall brightness                 | ≥ 350 cd / m <sup>2</sup> (typ.)                                                                                                                         |
| Brightness uniformity              | 75%                                                                                                                                                      |
| Screen contrast                    | 1200:1 (typ.) - Hard screen                                                                                                                              |
| Response time                      | ≤8ms (typ.)                                                                                                                                              |
| Pixel pitch (mm)                   | 0.5622 x 0.5622                                                                                                                                          |
| refresh rate                       | 60Hz                                                                                                                                                     |
| Viewing angle                      | 178°(H) / 178°(V)                                                                                                                                        |
| life                               | ≥ 30,000 hrs                                                                                                                                             |
| Color gamut (% NTSC)               | 72% NTSC                                                                                                                                                 |
| Color saturation                   | 1.07B                                                                                                                                                    |
| HDR                                | support                                                                                                                                                  |
| Touch technology                   | Infrared                                                                                                                                                 |
| Glass specifications               | 4 mm tempered glass                                                                                                                                      |
| Input method                       | Fingers or non- transparent objects                                                                                                                      |
| Maximum number of output points    | 4 0 points Windows 7/8/10 4 0 o'clock Android 2 0 o'clock                                                                                                |
| Touch resolution                   | 32767 (W) × 32767 (D)                                                                                                                                    |
| Touch accuracy                     | ±2mm average deviation between the output position and the actual touch position during slow movement.                                                   |
| Response time                      | ≤8ms                                                                                                                                                     |
| Interface method                   | Single USB                                                                                                                                               |
| Surface treatment                  | Anti-glare                                                                                                                                               |
| Theoretical number of clicks       | Unlimited times                                                                                                                                          |
| Maintenance method                 | Front-end maintenance                                                                                                                                    |
| Android system version             | Android 14.0                                                                                                                                             |
| main chip                          | Mt9679                                                                                                                                                   |
| CPU                                | Quad core Cortex-A73, 1.5GHz                                                                                                                             |
| GPU                                | Mali G52MC1                                                                                                                                              |
| Internal cache capacity (RAM)      | 4G                                                                                                                                                       |
| Internal storage capacity (ROM)    | 32G                                                                                                                                                      |
| OSD Language                       | Simplified Chinese/English                                                                                                                               |
| OPS                                | Supports (OPS-C specification)                                                                                                                           |
| Speaker position                   | Left and right channels: facing forward , bass facing backward.                                                                                          |
| Audio channel                      | 2.0                                                                                                                                                      |
| Left and right channel audio power | 15 W x2                                                                                                                                                  |
| Camera                             | Built-in ultra-high-definition camera                                                                                                                    |
| Camera location                    | Top, middle position                                                                                                                                     |
| Number of cameras                  | 1                                                                                                                                                        |
| Camera pixels                      | 48 million pixels ( with AI, supports: human tracking, sound source localization, automatic static center position, picture-in-picture, gesture control) |
| Camera Field of View (FOV)         | 120°                                                                                                                                                     |
| microphone                         | Built-in microphone array                                                                                                                                |
| Microphone position                | Top, middle position                                                                                                                                     |
| Number of microphone arrays        | 8. Omnidirectionality                                                                                                                                    |
| pickup distance                    | 0~8m                                                                                                                                                     |
| wired network                      | Supports 10/100/1000 Mbps                                                                                                                                |
| Wireless WiFi standard             | Built-in dual-band Wi-Fi, supports AP hotspot                                                                                                            |
| Wireless WiFi protocol             | Wi-Fi: 802.11a/b/g/n/ac AP: 802.11a/b/g/n/ac/ax                                                                                                          |
| Wireless WiFi operating frequency  | Wi-Fi: 2.4GHz AP: 2.4G & 5GHz                                                                                                                            |
| Wireless WiFi working distance     | 0~12m                                                                                                                                                    |
| Bluetooth                          | Standard built-in                                                                                                                                        |
| Bluetooth version                  | 5.2                                                                                                                                                      |
| Bluetooth operating frequency      | 2.4Hz                                                                                                                                                    |
| Bluetooth working distance         | 0~12m                                                                                                                                                    |
| Voltage input                      | AC100V to AC240V                                                                                                                                         |
| Maximum power (without OPS)        | 610 W (based on actual measured value)                                                                                                                   |



# Smart Interactive Flat Panel

## TV-98820P

|                                                 |                                                                                                |
|-------------------------------------------------|------------------------------------------------------------------------------------------------|
| standby power                                   | <0.5W                                                                                          |
| OPS Power Supply                                | DC 12-19V/5A, supports OPS-C                                                                   |
| Indicator light position                        | Front                                                                                          |
| Indicator light color                           | Red, blue                                                                                      |
| Button position                                 | Front                                                                                          |
| Number of buttons                               | 7 buttons – Screen Recording, Source, Volume Down , Volume Up, Settings, Eye Protection, Power |
| Front I/O terminals                             | USB3.0 *3, Type C *1, Touch USB *1, HDMI in *1                                                 |
| Rear I/O terminals                              | RJ45 IN *1, OPTICAL OUT *1, Earphone *1, RS232 *1, HDM I IN *2, Touch USB *1, USB 3.0 *1 ,     |
|                                                 | Android USB 2.0 *1, MIC IN *1                                                                  |
| Front frame thickness                           | 2 3.2mm                                                                                        |
| Overall dimensions (excluding mounting bracket) | 2216*1318.4*97.9mm                                                                             |
| Overall dimensions (including mounting bracket) | 2216*1318.4*133.9mm                                                                            |
| Packaging size                                  | 2356*1441.5*230mm                                                                              |
| net weight                                      | 92±3 (kg)                                                                                      |
| Gross weight                                    | 110±3 (kg)                                                                                     |
| Operating temperature                           | 0°C~40°C                                                                                       |
| Operating humidity                              | 10%~ 80 %RH                                                                                    |
| Storage temperature                             | -20°C~60°C                                                                                     |
| Storage humidity                                | 10%~90%RH                                                                                      |
| Working height                                  | Below 5000 meters                                                                              |