



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 reflection, 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-range 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	65 inches
Display area (mm)	1428.48 mm (L) * 803.52 mm (H)
resolution	3840 x 2160
Display ratio	16:9
Overall brightness	≥ 300 cd/m² (typ.)
Brightness uniformity	75%
Screen contrast	4000 :1
Response time	≤8ms (typ.)
Pixel pitch (mm)	0.372 x 0.372
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	40 points Windows 7/8/10 20:00 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	USB + Serial Port
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
speaker channels	2.0
Left and right channel audio power	2 × 15 W
Bass power	/
Ultra HD camera	built-in
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 10/100Mbps, but does not support unified network access.
Wireless WiFi standard	Built-in dual-band Wi-Fi, supports AP hotspot
Wireless WiFi protocol	Wi-Fi: 802.11 b/g/n, supports Wi-Fi 6; AP: 802.11 a/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	Bluetooth 2.1+EDR/3.0/4.x/5.2 /5.3/5.4
Bluetooth operating frequency	2.4Hz
Bluetooth working distance	0~12m
Voltage input	AC100V to AC240V
Maximum power (without OPS)	240 W (based on actual measured value)



Interactive Smart Flat Panel

TV-65820P

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	USB 2.0 *1, USB 3.0 *1, Touch *1, RJ45 *1, RS232 *1, Mic IN *1, HDMI IN *2, OPTical *1, Line out *1
Front frame thickness	2 3.2mm
Overall dimensions (excluding mounting bracket)	1483.8*901.9* 115.7 mm
Overall dimensions (including mounting bracket)	1483.8*901.9*1 39.7 mm
Packaging size	1590*197*1007mm
net weight	36KG
Gross weight	47KG
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