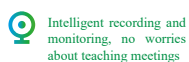


Routine recording host R10S

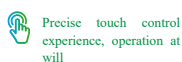


product features



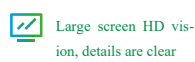
Intelligent recording and monitoring, no worries about teaching meetings

It can preview the teacher's panoramic/close-up, student's panoramic/close-up, and courseware picture synchronously, and monitor the 15.6-inch screen in real time. It has the function of public network live broadcast and one-to-three remote interactive teaching.



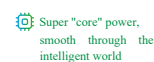
Precise touch control experience, operation at will

The touch accuracy is less than 0.1mm, the first response time is less than 0.4ms, the hardware supports 20 points and the software supports 10 points touch, the response is sensitive, the operation is smooth, and the touch is natural



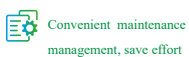
Large screen HD vision, details are clear

15.6 The full-color capacitive touch screen with 1080P@60Hz high resolution and refresh rate makes the picture clear and smooth without shadow. The color is bright and realistic, and the viewing Angle is more than 178°.



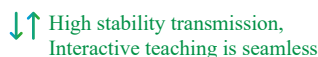
Super "core" power, smooth through the intelligent world

The Cortex-A55 architecture is paired with a 22 nm process, featuring the ARM G52 2EE GPU and a 0.8TOPS@INT8 Neural Processing Unit (NPU).



Convenient maintenance management, save effort

The bracket is designed to be expanded, which facilitates cable insertion and removal. It supports touch, audio, and hard disk diagnosis to quickly solve troubleshooting problems and facilitate maintenance management.



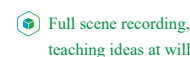
High stability transmission, Interactive teaching is seamless

The dual network segment isolation design enables independent transmission between the internal and external networks without interference, and ensures stable and smooth live streaming. The 1+3 audio and video interaction easily enables cross-school synchronous teaching.



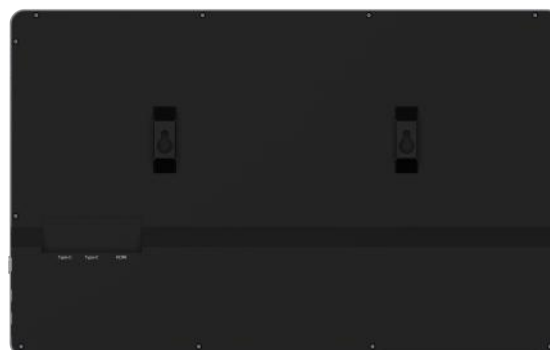
Multi-track recording and storage, clip efficiency is improved

1 + 5 multi-track recording function. Materials are stored in files, and the clip directly calls the files. The efficiency of the clip is instantly increased by 300%, saving a lot of time and energy.



Full scene recording, teaching ideas at will

In class or meeting, there is no need for tedious operation. You can preview four pictures in real time with a touch on the screen, synchronize monitoring with zero delay, automatically and seamlessly switch between courseware and close-up pictures, and follow up the AI technology to automatically track the dynamic of teachers or students.



processor

CPU	Four cores Cortex-A55(2.0GHz), 22nm process
GPU	ARM G52 2EE, support OpenGL ES 3.2/ Vulkan 1.1/OpenCL 2.0
NPU	1TOPS@INT8, supports RKNN framework
VPU	4K60fps H.265/H.264/VP9 decoding 1080P60fps H.265/H.264 encoding

memory

internal storage	4GB LPDDR4/LPDDR4X
Built-in storage	32GB eMMC,1TSSD

screen

Size/Type	15.6 Inch full touch capacitive screen
Resolution / Refresh rate	1080P@60Hz
Brightness/Color gamut	>320cd/m², ≥72% NTSC

Touch performance

precision	≤0.1mm
Multi-touch	Hardware 20 points / Software 20 points

physical protection

surface hardness	3mm tempered anti-glare glass (9H hardness)
Environmental tolerance	Seismic (5-50Hz three-way 30 minutes) and salt spray resistant (72h) Lightning protection (surge level 4)
fire-protection rating	Grade A (aluminium alloy fuselage)

Maintenance design

Easy to maintain structure	The bracket is designed to facilitate cable insertion and removal
self checking function	Built-in hardware self-test tool, support touch /audio /hard disk diagnosis

network

RJ45 network port	* 4 Gigabit POE port (IEEE 802.3at)
network card	2.5G independent network card, dual network management (internal / external)

video frequency

HDMI import	*2 Supports 4K30Hz acquisition (including audio)
HDMI output	*1 4K60Hz (HDMI 2.1 protocol)

audio frequency

import	*1 LINE IN *1 MIC IN
output	*2 LINE OUT
loudspeaker	2×2W (8Ω), frequency response 600Hz-20KHz

USB

USB 3.0	*4
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supply electricity

specification	DC 12V/3A (round connector)
Standby power consumption	<0.5W

Control buttons

Triglobal physical key	Power on / Power off / Screen off (short press to power on, long press for 2 seconds to power off, short press to screen off)
Side-mounted power switch	Emergency power failure function

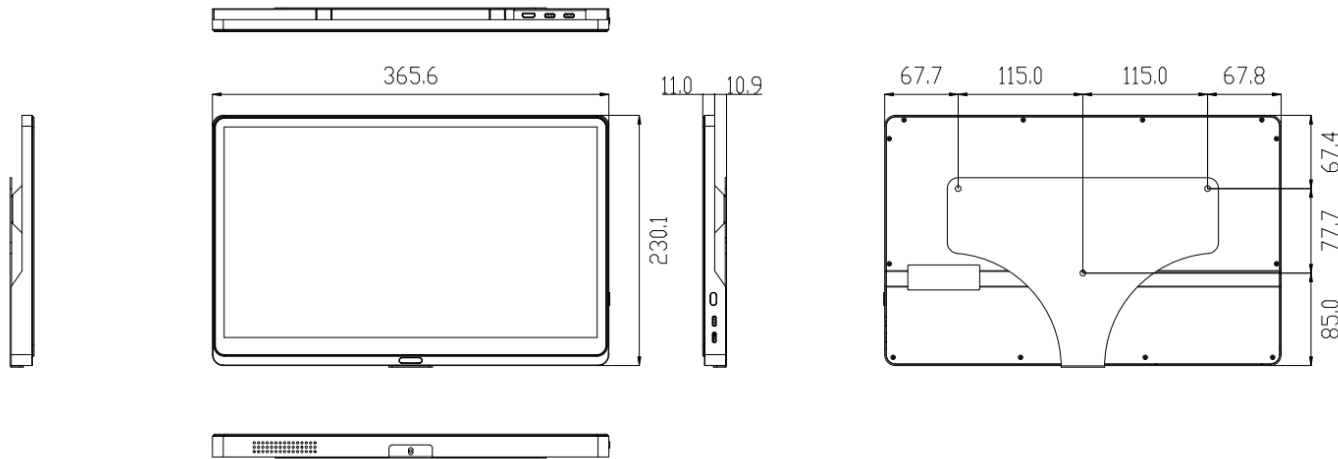
Security permissions

Unlocking method	Password authentication
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Camera access

Type/Quantity	* 4 RJ45 (POE power supply)
Preview screen	Simultaneous display of teacher panorama/close-up, student panorama/close-up, and courseware images

product size



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