

Mobile recorder R20M



product features

Integrated portable design

Integrated with 17.3-inch touch screen, host and battery, the weight is less than 5kg, can be put into a standard suitcase, and can be deployed by one person in 3 minutes.

Wireless image transmission technology

Supports 2.4G/5G dual-mode wireless camera access (4K30fps), transmission distance ≥200 meters, free from wire constraints.

6 Long Lasting Hours of Endurance

Built-in large capacity battery supports charging and using at the same time, meeting recording needs all day long.

WiFi+ PDA

Support WiFi and Bluetooth Internet of Things control, wireless streaming delay ≤50ms, device interconnection is more stable.

Multi-platform compatibility

Supports Tencent Conference, DingTalk and other platforms to directly push streams. Type-C interface is plug and play, compatible with Windows/macOS systems.

Environment adaptive algorithm

The microphone algorithm can adapt to different scenarios such as classrooms and lecture halls.

Waterproof design

IP42 protection certification, adapt to complex teaching environment.



Product Parameter

* The following parameters are for reference only and will be adjusted according to the actual situation of the project

processor

CPU	Quad-core Cortex-A76+ Quad-core Cortex-A55
GPU	Mali-G610 MP4
NPU	6TOPs

Video capture

Cable camera signal acquisition	RJ45 POE*8
Cable courseware collection	HDMI*2
Wireless image acquisition	(RJ45 access to a separate 3588 network port)

Audio capture

Audio cable acquisition	Dmic*1(RJ45 POE)、Line In*2(3.5mm)
Wireless audio capture	RX*1

screen

Size/Type	17.3 inch fully conforming capacitive touch screen
Resolution / Refresh rate	1920×1080@60Hz
Brightness / Color gamut	350nits brightness, 92% NTSC color gamut
Screen performance	Life ≥ 15,000 hours

audio frequency

loudspeaker	Frequency range 600Hz~20KHz, sound pressure level 75dB/1 meter, power 2~5W
LINE IN 1	Support microphone signal, adapt to harsh environment
LINE IN 2	Supports linear audio, compatible with wireless mics
LINE OUT 1	Dual channel stereo, supports insertion detection

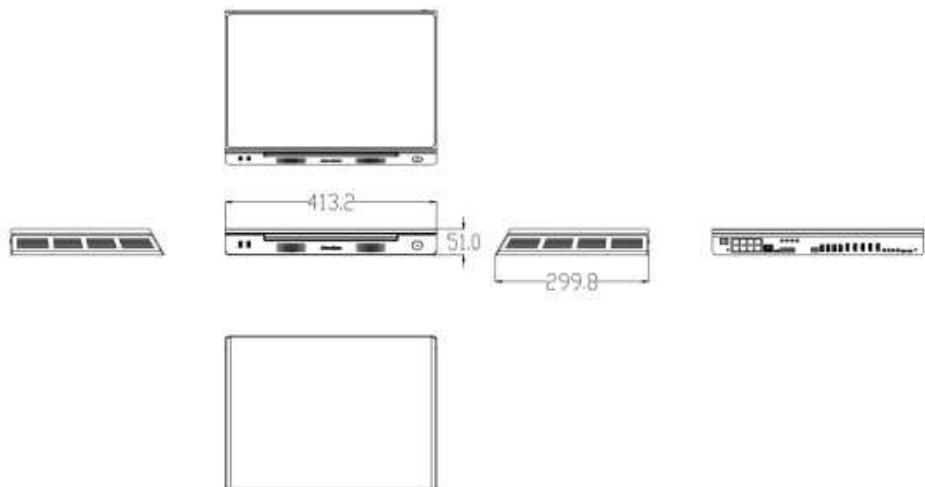
LINE OUT 2

network

WiFi	802.11ax,2.4G&5G&6G, rate ≥1.2Gbps, Distance> 10 meters
PDA	BT5.0, supports IOT devices (such as IWB) to control the host switch

product size

* The following sizes are for reference only and do not represent the final standard. Please contact us for specific sizes required



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