

MiNE Media

Mine E400 Encoder for Live Streaming

5G Multi-Network Bonded Streaming Backpack

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Mine E400



Multi-network Aggregation

Multiple 5G modules, Wifi 6 wireless network

By integrating multiple network links and fully utilizing the bandwidth resources of each network, data transmission is no longer dependent on a potentially unstable network, thereby ensuring the smoothness of live streaming events.



5G Sim-card
Slot *3



4G Sim-card
Slot*3



Gigabit Ethernet
port*2
(Hot-plug)



USB Port *2
(Dongle/Network-card
Access)



WiFi6 Network
(Dual 2.4G/5.8G)

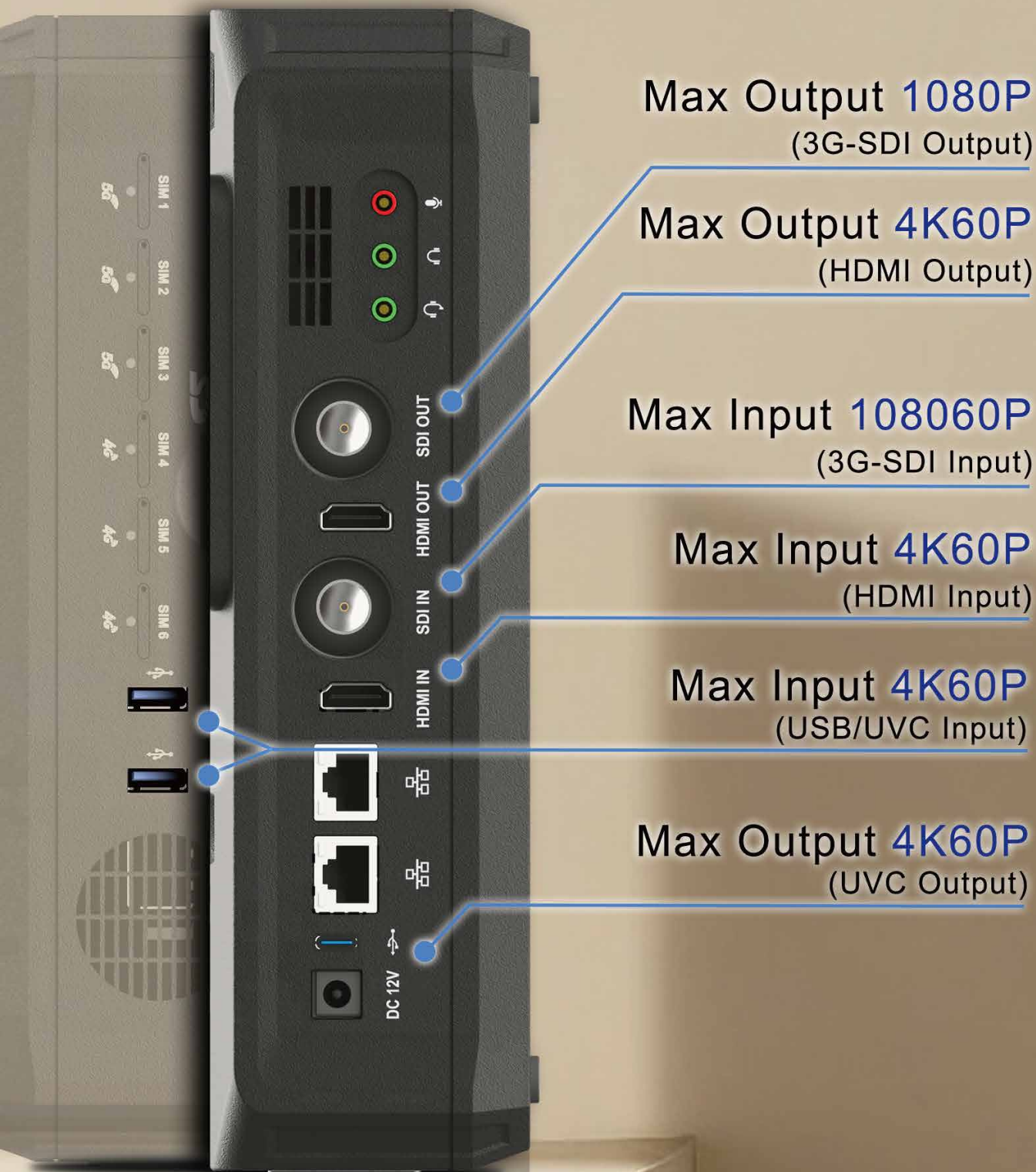


4K60 Input /Output

Multiple output and input interfaces

The E400 features multiple output and input interfaces

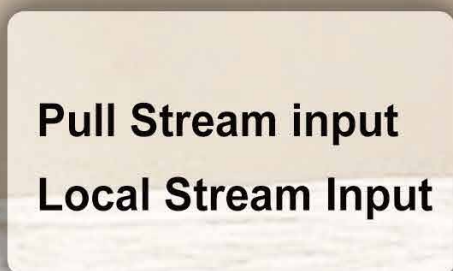
Meeting the demands of high-quality scenarios such as cinematic live streaming and sports broadcasting where exceptional image quality is required.



Four Input Methods

Support UVC/Pull Stream Input

Support UVC input/Video Pull stream input/SDI input/HDMI input
Support up to four video input methods, significantly expanding the selection of front-end video sources

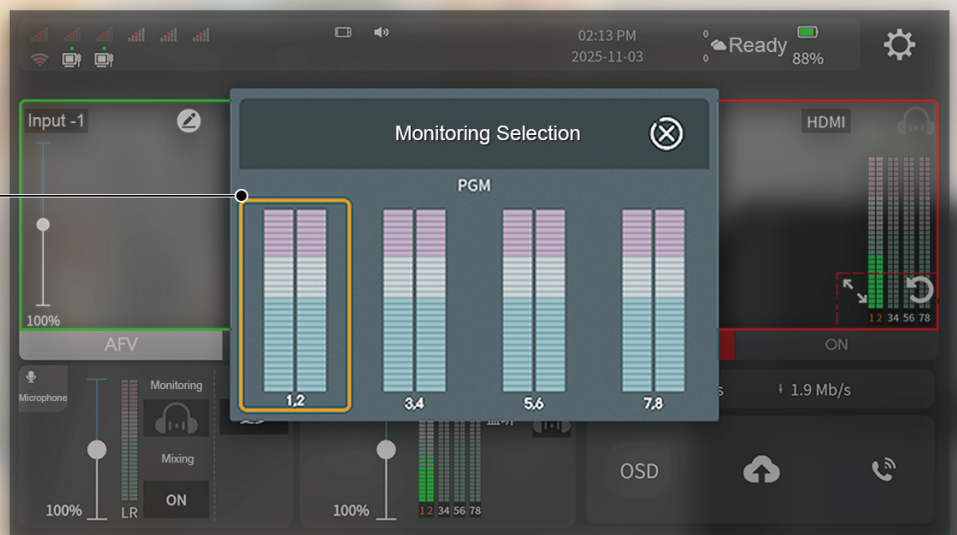


Four Channels with Dual-track Output

Professional-grade audio experience

Multi-channel monitoring + flexible channel binding enables precise and convenient audio control

Safeguards your audio/video production and live streaming



Volume Level Meter
Allows audio monitoring by freely selecting from up to four audio tracks

4-Channel Dual-Track Mode

SDI / Custom Channel / Recording etc
Support 8-channel audio input/output

A single stereo audio signal
Can be mapped to a specified dual-track output



Hotspot Routing

Support hotspot routing sharing

After enabling the hotspot function, nearby devices or mobile phones can easily connect to the aggregated network via Wi-Fi. Meanwhile, it can also be connected to a computer via an Ethernet cable, providing a stable network signal to the computer.

Network Sharing

Select Wan: 5G1 5G2 4G1 4G2 **Bonding**

WiFi Hotspot Hotspot Name: C30-QMXX

Password: *****

Encryption method: WPA2-PSK

Frequency band: **2.4G** 5G

Max number of connections: 10

Network port



Streaming Feed Output

Flexible output via SDI, HDMI, or UVC

Enabled by an ecosystem of apps, one-click streaming is efficient and convenient
Streamed content supports multi-interface output (SDI, HDMI, UVC),
meeting the demands of various professional scenarios.

**Pull Stream
Return**

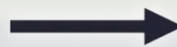


Local Network Video Feed

Video Return



HDMI Output
Computer/Monitor 



SDI Output
Monitor 

Dual-channel Switching

UVC/Pull Stream/Local Stream/SDI/HDMI Dual-Channel Switching

It can connect two signal sources simultaneously and supports seamless dual-channel switching. It is equipped with a touchscreen for real-time monitoring.



Frame Synchronization

No public IP needed, transmit with any internet connection.

No need for configuring a public IP, reducing setup costs; comes with 5G for frame synchronization anytime, anywhere; suitable for sports events and multi-angle scene shooting



Multi-platform streaming

Efficiently improve exposure and influence

Easily break through the traffic limitations of a single platform and maximize the communication effect.

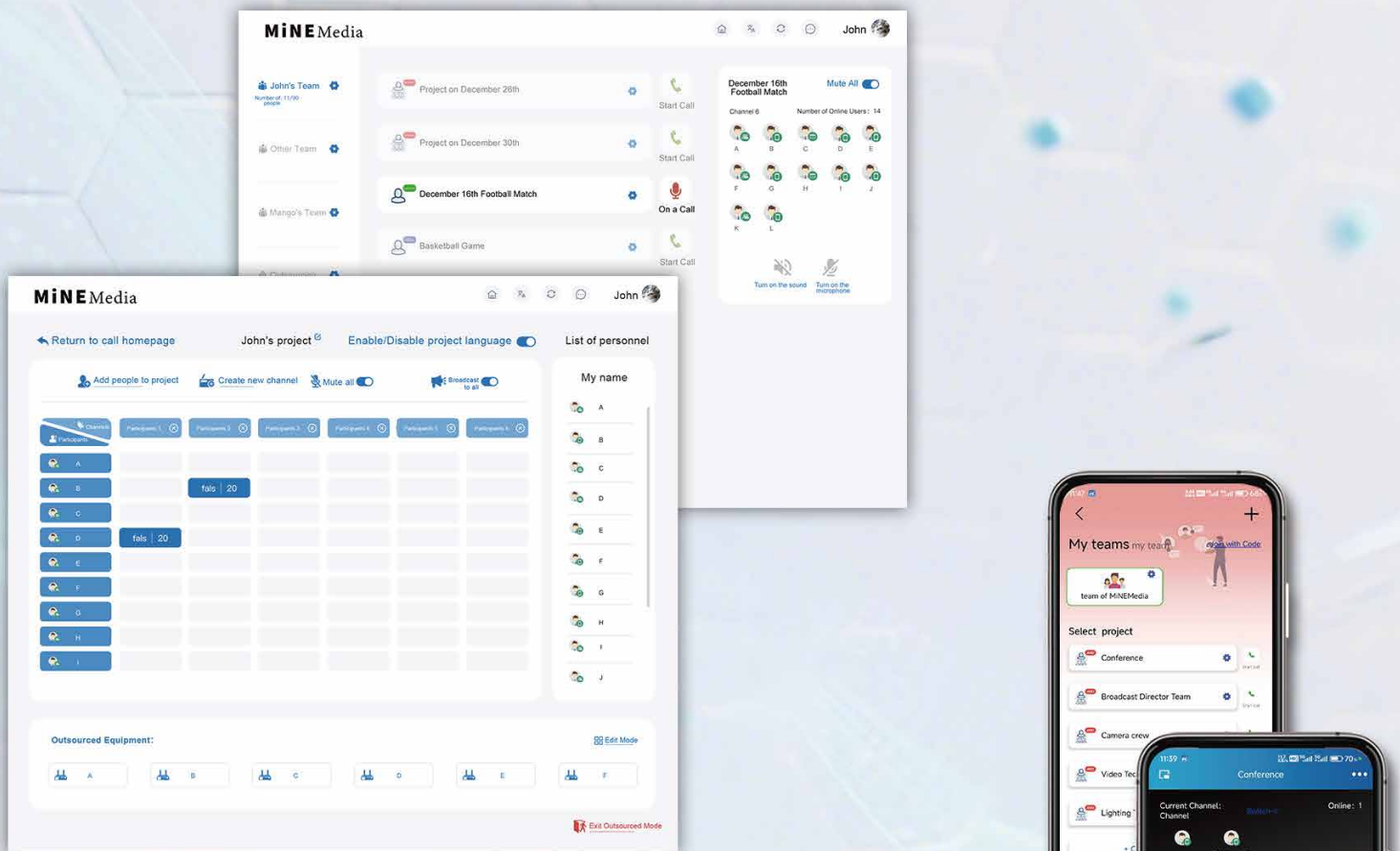
Creating greater possibilities for communication effect and value realization



Audio Intercom

Real-time interaction, seamless communication

With two-way communication on the device, outdoor mobile live streaming communication problems are a thing of the past. On-site scheduling and interactive feedback are instantly responsive, eliminating the hassle of device communication limitations.



Web-based calls

App-based calls



Device-based calls



Outdoor



Studio/Command Room

Subsequent charges will be based on usage

H/V Streaming Mode

Switching between H/V Modes

Switch between H/V modes through device touchscreen or the MLive APP
Meets more scenario requirements and viewing experiences



**H/V Modes
One-click
switch**

Dual Backpack

Ultra-portable compact bag combination

Extremely convenient with a standard small backpack that fits into the larger dual shoulder bag. Suitable for various live streaming/return transmission scenarios, easy to carry, and unrestricted freedom.



The large dual shoulder bag is not a standard accessory.

Ultra-long battery life

4+ hours of battery life, portable for outdoor use

The Mine E400 battery life is enough to support most live streaming/return transmission throughout the entire session.

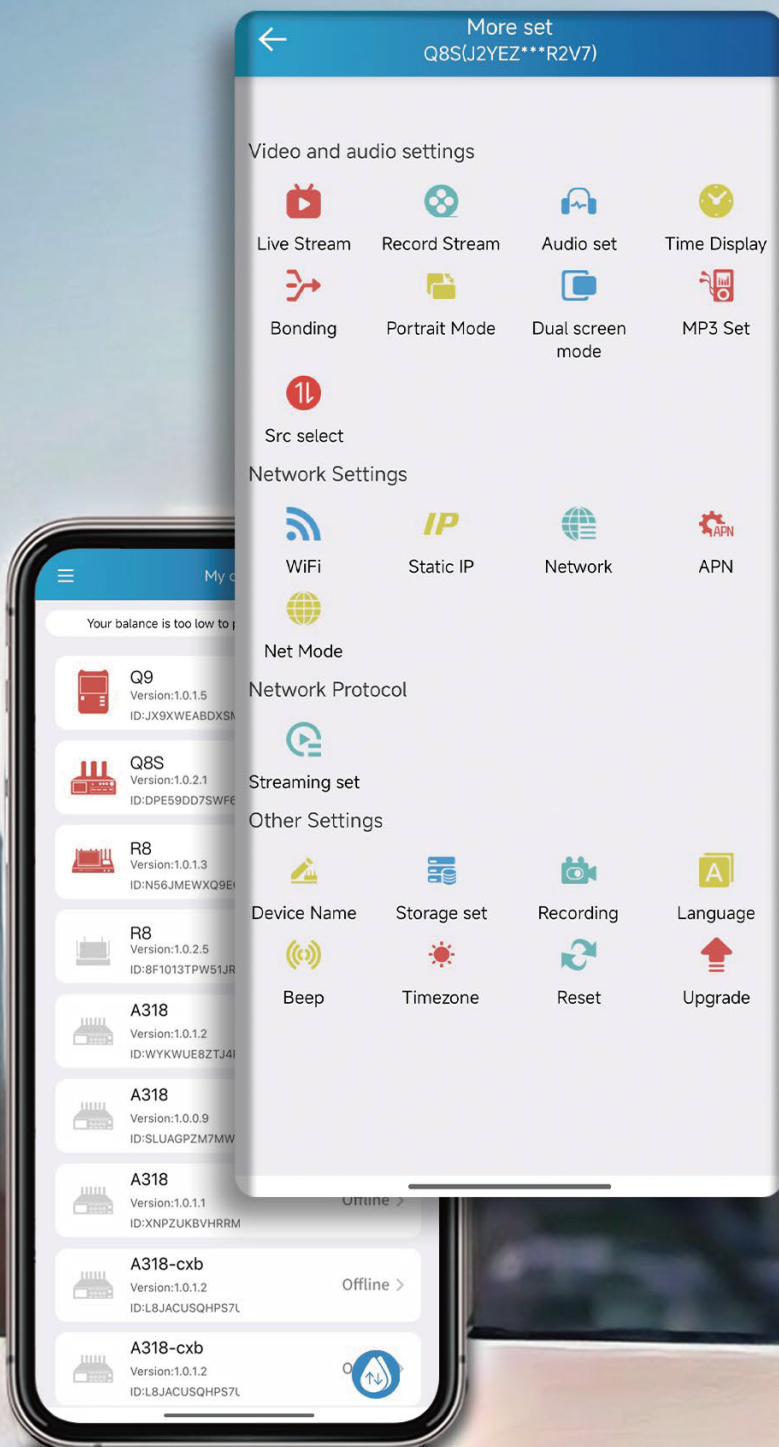
Weighing 1460g, it's compact, convenient, and set up quickly.



APP Control

One APP can manage multiple MineMedia devices

Efficient management, improve work efficiency, reduce labor costs
Real-time monitoring/adjustment of equipment status anytime and anywhere,
bringing users a high-quality experience



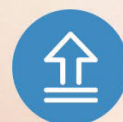
Fill in and paste the push and pull stream address. Start and stop push streaming.



Add pictures, station logos, subtitles, scoreboards, etc.



Remote configuration parameters, effective in real time



Online upgrade, convenient and fast

Product Specification

Mine E400		
Specification	Model	Mine E400
	Name	5G 4K Bonding Live Streaming Backpack
	Video Input	HDMI (4K60P) + 3G-SDI + UVC(4K60)
	Video Output	HDMI (4K60P) + 3G-SDI + UVC(4K60)
Video Parameters	Video Compression Format	H.264/H.265
	Encoding Mode	H.265 Main profile/H.264 High Profile/Main profile/Base line
	Video Input Format	4K: 3840×2160@25p/30p/60p 1080p: 1920×1080@25p/30p/50p/60p 1080i: 1920×1080@50i/60i 720p: 1280×720@25p/30p/50p/60p/120p
	Live Streaming Resolution	4K: 3840×2160@25p/30p/60p 1920×1080、1280×720、 960×540、848×480、 640×360、480×270 (Frame rate adjustable)
	Recording resolution	Maximum support 4K60 (Frame rate adjustable)
Audio Parameters	Audio Compression Standard	AAC
	Audio Sample Rate	44.1K/48K
	Audio Input	3.5mm dual-channel external audio input
	Audio Format	MP3
	Audio Output	3.5mm dual-channel audio monitoring
	Audio Intercom	3.5mm dual-channel audio intercom
Screen Parameters	LCD Size	5.5-inch HD display
	Screen Characteristics	Touch Screen
Network Interface	5G	Built-in 5G module * 3
	4G	Built-in 4G module * 3
	WIFI	WIFI 6, Support 2.4G/5.8G dual-band WIFI access.
	Ethernet	Gigabit network port *2
	USB	Dual USB port
Transmission	Stream Protocol	Support RTMP(s)、SRT、RTSP
Storage	Storage Function	Support TF card (maximum 512G)
	Video Format	MP4(H.265/H.264+AAC)
	File System	FAT32; exFAT
System	Device System	Linux
	M Live APP	Above Android 9 & iOS 12
Power Supply	Power	DC12V=5A
	Max Power Consumption	30W
	Battery Life	4 Hours
	Battery Capacity	8.4V/12000mAh
Structure	Dimension(mm)	150mm*240mm*65mm
	Weight	1460g
Working Environment	Work Temperature	0°C~40°C
	Working Humidity	Humidity is less than 95% (no condensation)
	Storage Temperature	5°C~40°C