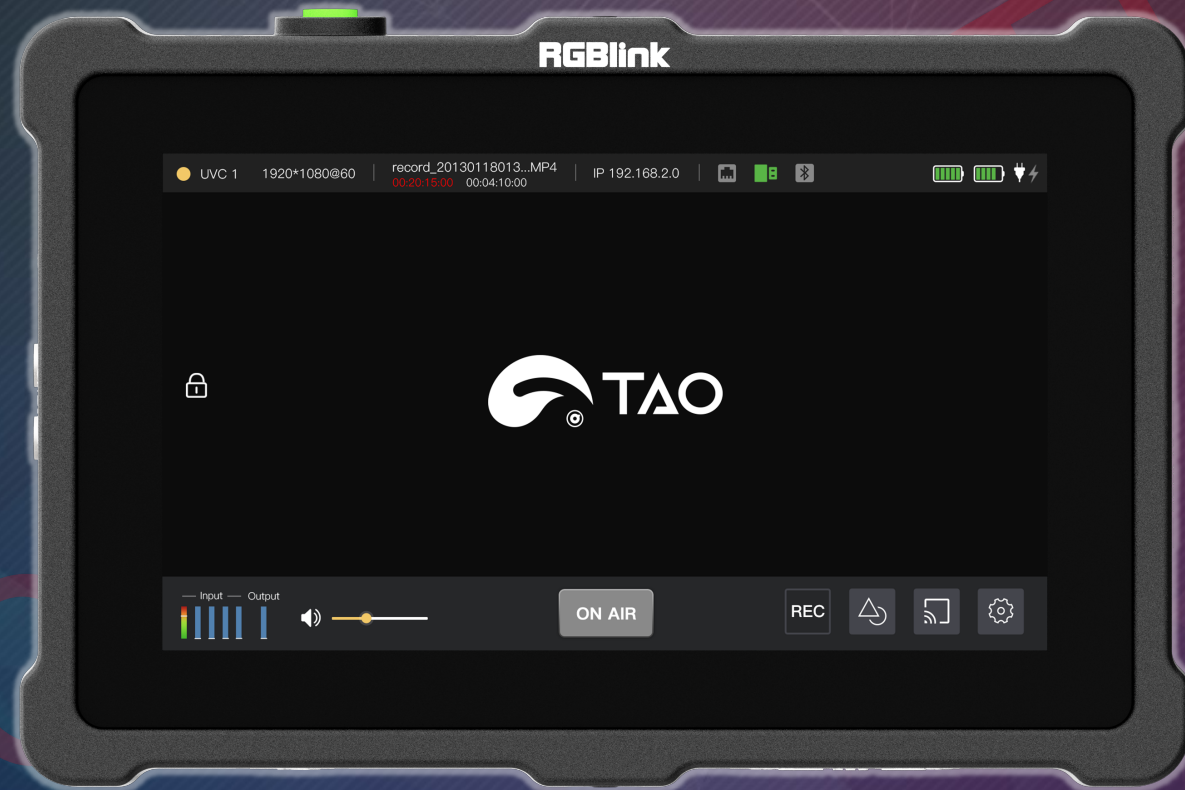




Why RGBlink TAO 1pro?





Features comparison

Highlights of **RGBlink** TAO 1pro

Application

FAQ



Features comparison

HDMI 2.0 Output
2 USB3.0 IN with UVC compliance
Broadcasting Video Analysis
Extending 90 degree Monitor
Bluetooth Remote Control
NDI Compliance
2 External Battery Slot Build In
5.5-inch touch screen
Ethernet Streaming Output
No Transition Effects
No Chroma Key
No Multiviewer

RGBlink TAO 1pro

2 x HDMI 1.3 Input
5 inch LCD monitor
Seamless Switcher
Streaming
Preview Monitor
USB 2.0 Recording
Audio Mix
1/4 threaded hole for tripod
Type C Power Interface

HDMI 1.3 Output
No UVC Input
No Video Analysis
No support 90 degree extending monitor
No Support
NDI incompatible
No External Battery
2.0-inch touch screen
USB 3.0 Streaming Output
Seamless Transition Effects
Chroma Key
Multiviewer Support

RGBlink mini-pro



Features comparison

2 Battery Slot Sony and Panasonic both
Battery Power Backup

2 x HDMI 1.3 Inputs

2 USB3.0 IN with UVC compliance

NDI encoder

Extending 90 degree Monitor

Audio mix

Seamless Switcher with CUT

Multiple Streaming

USB2.0 Recording

No HDR

No Log

RGBlink TAO 1pro

HDMI Input
5 inch LCD monitor
1920 x 1080 touch screen
1000:1 contrast
HDMI 2.0 Output
Video Analysis
2 1/4 threaded hole for tripod
Sony L series Battery Slot

1 Battery Slot for Sony only
Without Power Backup

1 HDMI 2.0 Input

No USB3.0 IN without UVC compliance

NDI incompatible

No support 90 degree extending monitor

No audio mix

Without Switcher Capacity

No Streaming

SSD Recording

HDR mode

Multiple Log

ATOMOS Ninja V 5"



Features comparison

HDMI 2.0 Output
2 USB3.0 IN with UVC compliance
Broadcasting Video Analysis
NDI encoder
Extending 90 degree Monitor^①
Audio Mix
2 1/4 threaded hole for tripod
Bluetooth Remote Control
5.5-inch touch screen
External Battery
No Chroma Key
Live On the Go with External 4G/5G Router

RGBlink TAO 1pro

HDMI 1.3 Inputs
RJ45
H.264
PIP
Recording^②
Multi-platform streaming

HDMI 1.3 Output
1 USB3.0 IN without UVC compliance
No Video Analysis
NDI incompatible
No support 90 degree extending monitor
No audio Mix
1 1/4 threaded hole for tripod
No Support
7.0-inch touch screen
Built-in Battery
Chroma Key
4G LTE Live On the Go

Yololiv Yolobox

①Set by touch screen menu, extending output by HDMI 2.0 and Ethernet both
②TAO 1pro is USB 2.0 disk, Yolobox is SD card



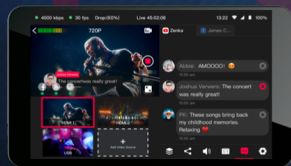
Highlights of TAO 1pro | UVC to HDMI conversion

RGBlink TAO 1pro supports Webcam UVC signal decoding. UVC signal input by each USB 3.0 port and converts into HDMI 2.0 output. RGBlink is the 1st manufacturer to make this happen in commercial.

- 1) The USB3.0 input port on RGBlink TAO 1pro is compatible with UVC standard Webcam in the market, such as Logitech (full series), OBSBOT Tiny, PTZ 4K USB version, RGBlink mini series products, MSP 231 and so on;
- 2) HDMI 1.3 on the right panel of RGBlink TAO 1pro supports **full HD** signal input, and HDMI 2.0 signal 4K60 UHD output.

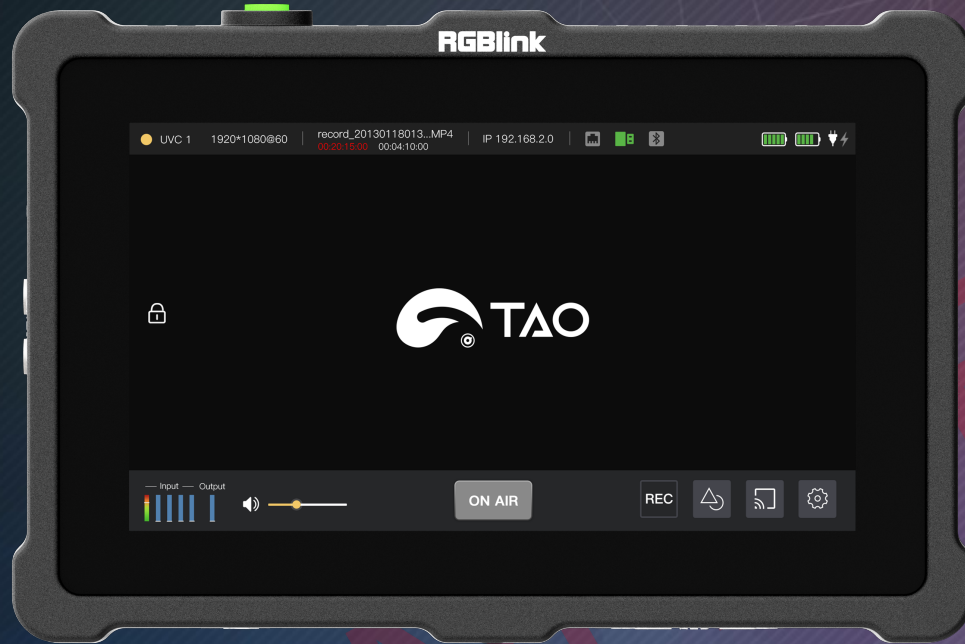
I have **only one USB input**, it is **not UVC compatible** and need to connect with an external capture card.

Yolobox, that is the extra cost and inconvenient!

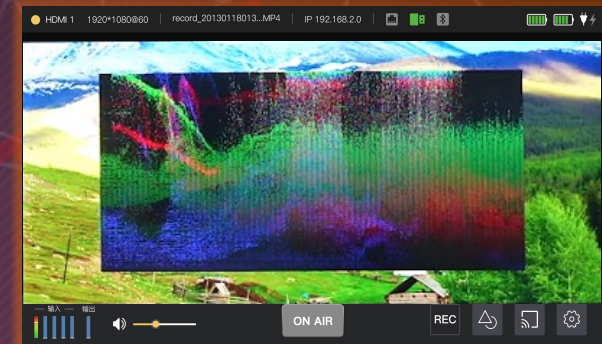




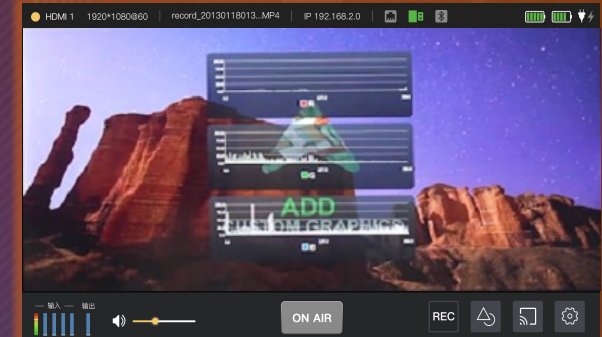
Highlights of TAO 1pro | Broadcasting Video Analysis



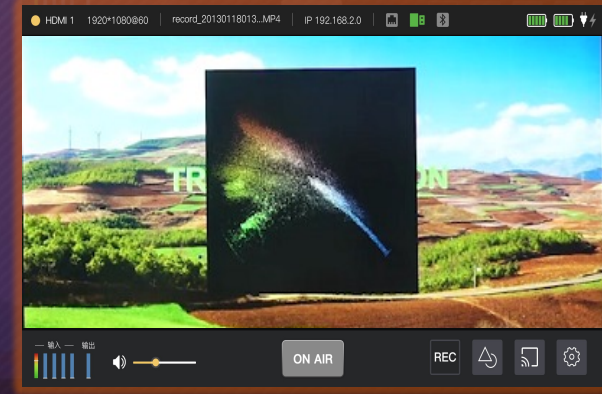
Waveform



Histogram

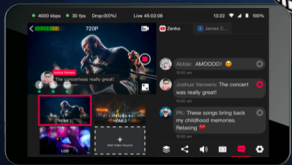


Vector



Sorry, I can't!

Yolobox, you just lazy!

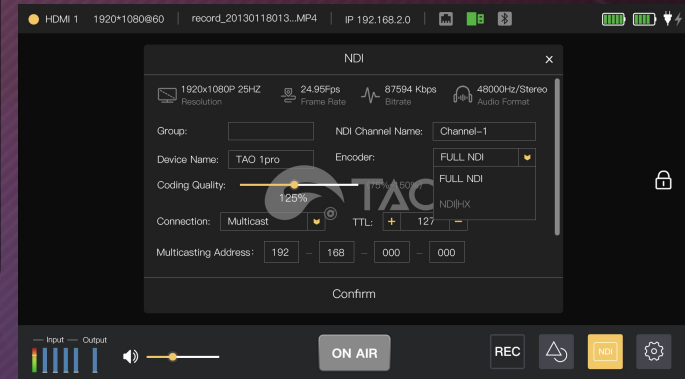




Highlights of TAO 1pro | Broadcasting Video Analysis

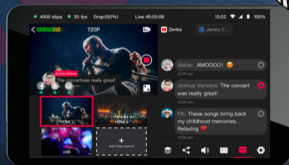


TAO 1pro is the 2nd production line RGBlink as NDI alliance.
TAO 1pro is Full NDI (YUV 422) and NDI|HX (H.264) both compatible.



Sorry, I can't!

Yolobox, you just lazy!



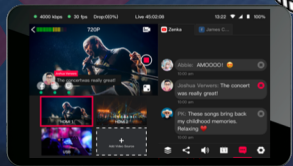


Highlights of TAO 1pro | Remote Controller



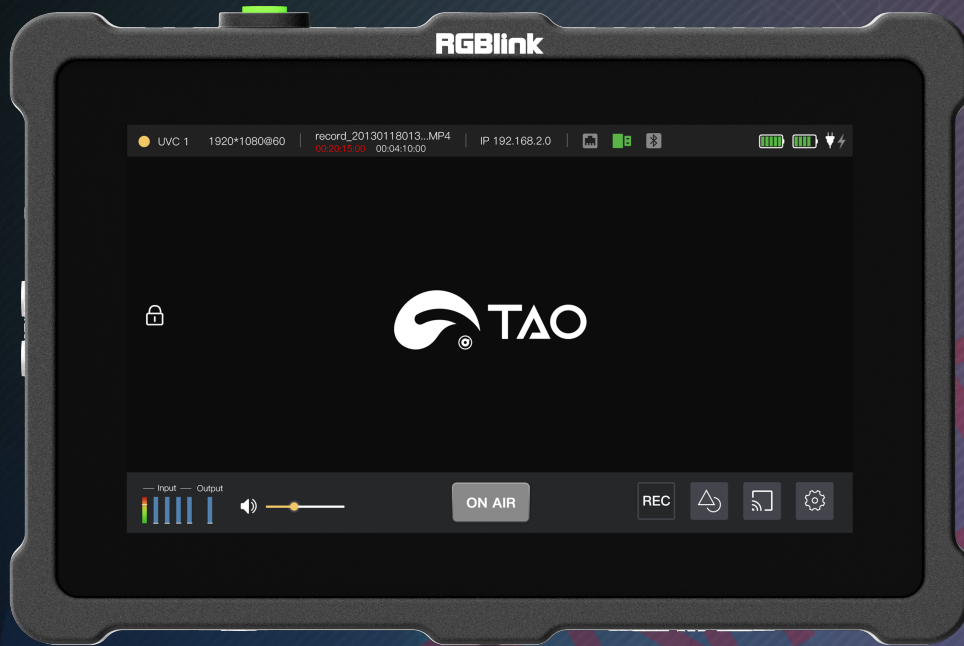
Sorry, I can't!

Yolobox, you just lazy!





Highlights of TAO 1pro | Extending Monitor



90°

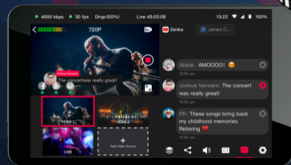


mirror



Sorry, I can't!

Yolobox, you just lazy!





Highlights of TAO 1pro | Multiple Live Streaming

RGBlink TAO 1pro supports RJ45 live streaming by external Router.

Encoding in MJPEG\YUV, H.264;

Encoding protocol are RTMP and NDI compatible;

Rate models include CBR,VBR,FIXQP,AVBR,QPMAP;

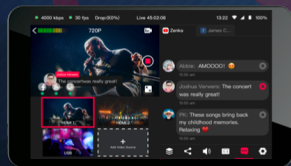
Maximum output rate up to 100 Mbit/s;

For Indoor Streaming, TAO 1pro connects to the ethernet Router directly.

For Outdoor Streaming, TAO 1pro connects with external router with multiple sim card inside 4G LTE | 5G compatible, which is much stable and affordable.

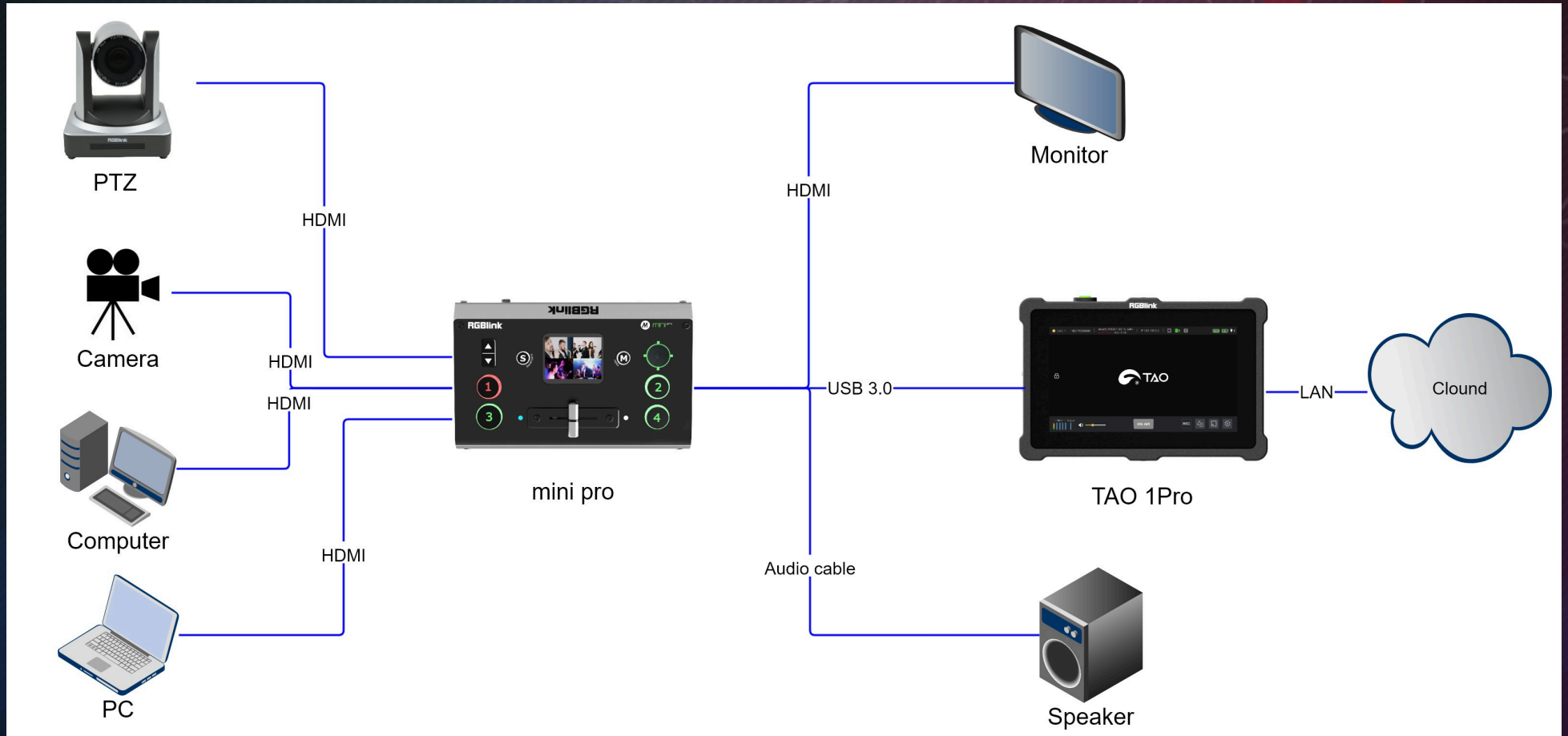
I am with 4G LTE single sim card build in capacity!

Yolobox, redundant network streaming is not stable, reviewed by Amazon!
But I will catch up, currently with affordable and more stable solution for outdoor!



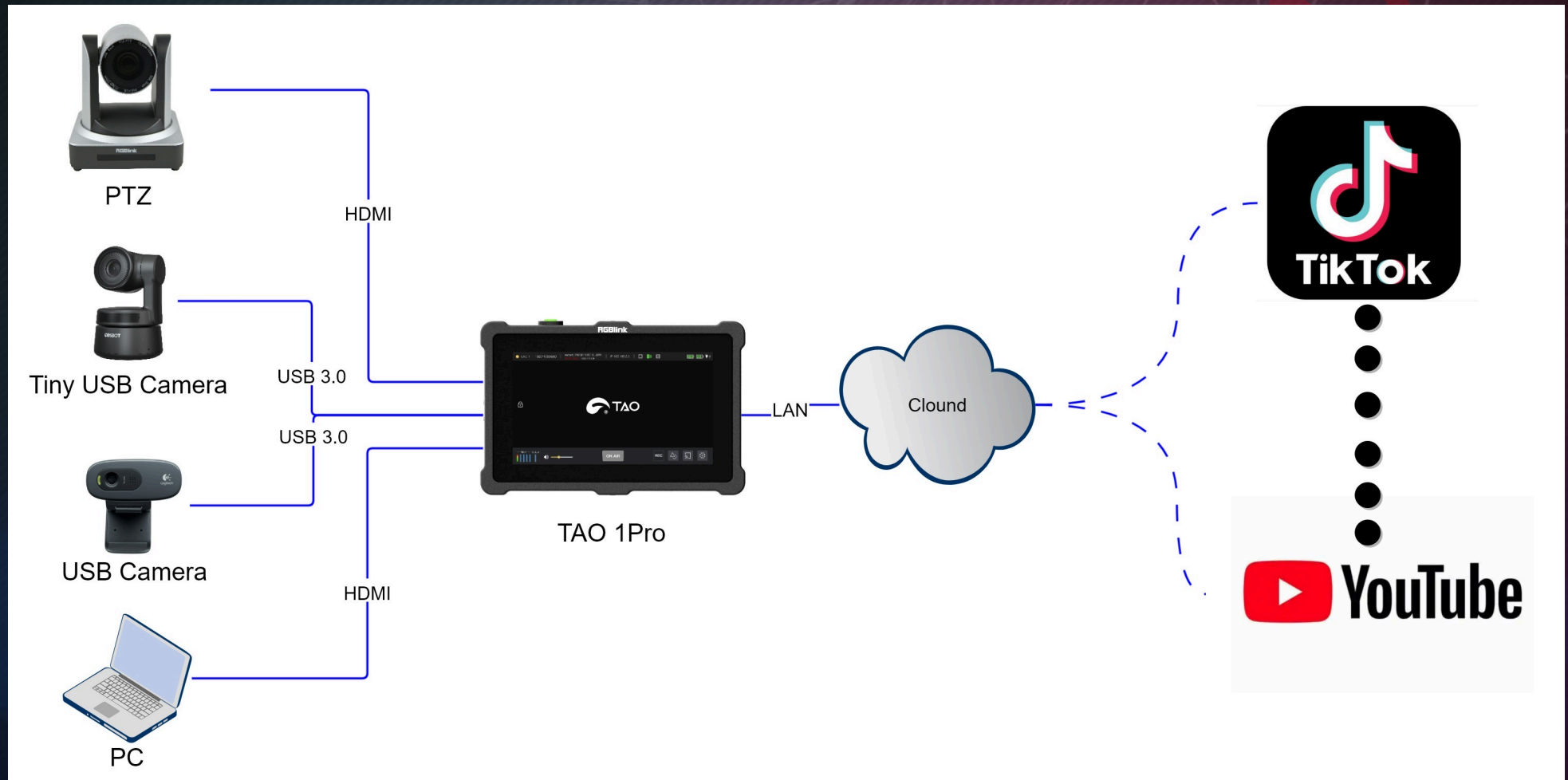


Application | TAO 1pro + mini-pro Solution



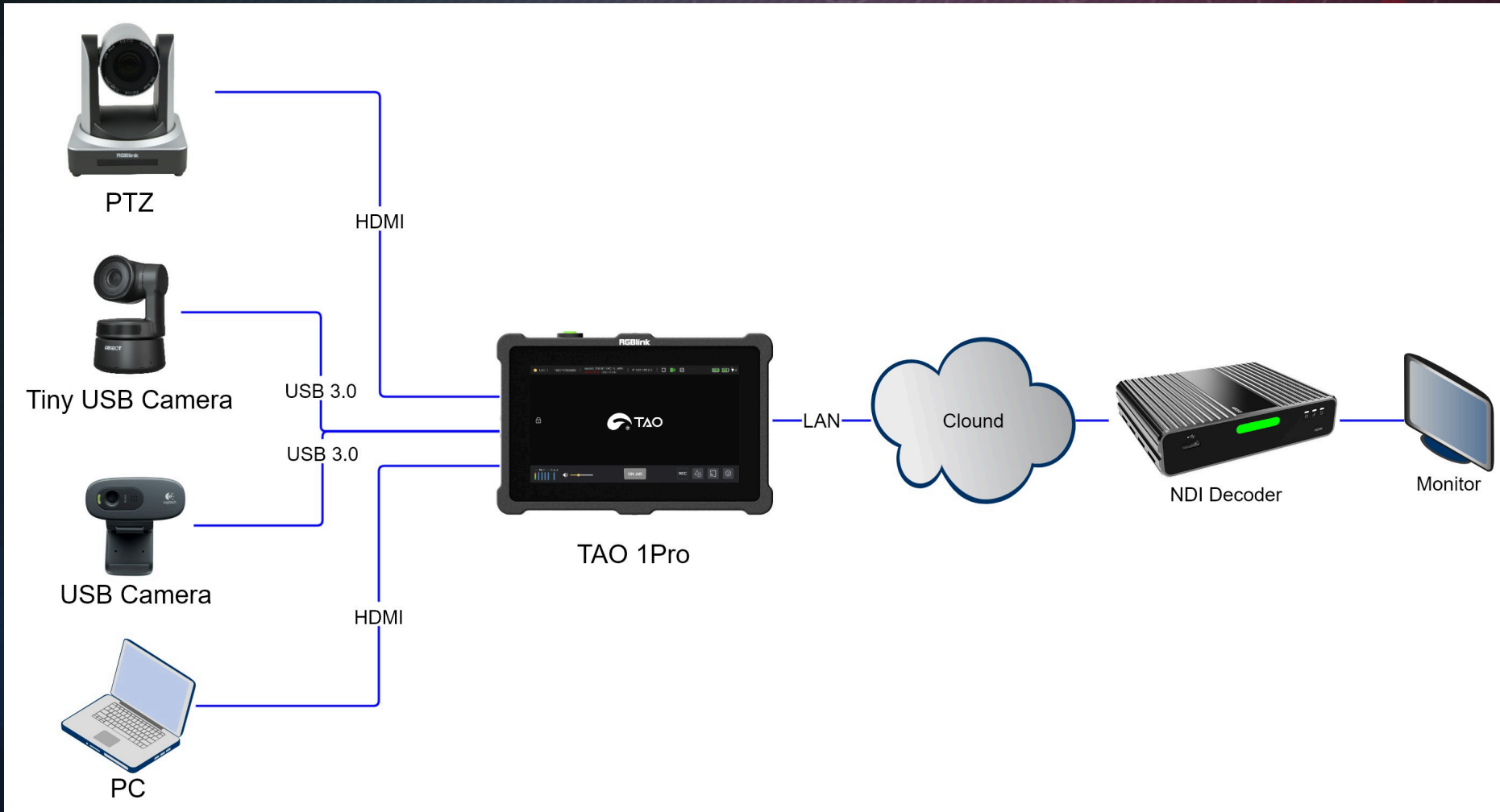


Application | TAO 1pro Multistreaming Solution





Application | TAO 1pro NDI Encoding + Decoding Solution





FAQ

1. Will there be a version with a sim card ?

Answer: Yes, coming with next generation.

2. Is it Full NDI or NDI | HX?

Answer: Full NDI and NDI | HX both compatible.

3. What is the display brightness in NITS?

Answer: 450 nit.

4. Was it 2 x 4G or 1 x 5G ?

Answer: Recommend the external package router, with 2 x 4G or 1x5G.

5. Can you give us an indication of the battery life please?

Answer: Two external battery installed can run more than 10 hours.

6. NDI output only no NDI Input right ?

Answer: Yes, NDI output only.



FAQ

7. Tao 1pro 2 HDMI input don't have SD card? If TAO 1pro is 2 models, one is basic one is 1 HDMI input? I check the website TAO 1pro with 2 HDMI inputs doesn't have SD card port.

Answer: TAO 1pro does not have two version, only one version. TAO 1pro is with 2 HDMI 1.3 inputs and 2 USB 3.0 inputs. SD card will come with next generation.

8. How do you differentiate between mini-pro and Tao 1pro?

Answer: mini-pro is more for content edition streaming. TAO 1pro is an affordable compact solution for Streamer who starts to be online and look forward to streaming directly in maximum 4 channels at one time.

9. Have you qualified any USB drives for speed?

Answer: USB3.0 input including camera, record is USB2.0 Hard Disk.

10. So no 4G / 5G at the moment ?

Answer: Currently with the external Router.

11. Does this have a portable ability to stream ? Is SIM cards for mobile broadcast ?

Answer: SIM cards with the external Router is for mobile broadcasting.



FAQ

12. How much is the external package ?

Answer: We will share more detail on Oct. 6th on backpack.

13. How many SIM cards can it have?

Answer: Router can support max 4x4G SIM cards or 1x5G SIM card.

14. What's the minimum ambient temperature it can with stand?

Answer: The operating temperature is between 0°C and 55°C.

15. So the Router will be part of the Backpack ?

Answer: Yes, Router will be part of the backpack.

16. Is there and DC power or is it Battery only?

Answer: Both are supported.

17. Can you confirm how long the unit will run on the NPF batteries

Answer: With two batteries installed, it can be used for up to ten hours.

18. Any D-tap support?

Answer: Could not support.



FAQ

19. Are any RAW formats supported?

Answer: No.

20. Is meta data supported?

Answer: No.

21. Is it full NDI or NDI | HX?

Answer: Full NDI and NDI | HX both.

22. Is embedded audio supported on the HDMI in / out

Answer: Yes.

23. Is there any support for timecode or sync?

Answer: No.

24. Is there any pre roll record supported?

Answer: Currently mp4 only.

25. Can you record ISO feeds?

Answer: No.



FAQ

26. Can you do time-lapse?

Answer: Currently no.

27. Can record triggered remotely via HDMI or other input?

Answer: Currently no.

28. What is included in the box?

Answer: The box includes TAO 1pro, Power Adapter, Type-C Power Adaptor, Double thread 1/4 Screw and Instruction manual.

29. What is the warranty?

Answer: Warranty is one year.

30. What type of Screen is used? TFT / LCD?

Answer: It is Oxide TFT-LCD.

31. What is the screen resolution

Answer: 1920×1080.



FAQ

32. How many PPI (Pixles Per inch) is the screen ?

Answer: The resolution is 1920×1080 pixels and the screen size is 5.5 inches, so it is about 377,716 PPI.

33. What is the bit depth?

Answer: 10 bit.

34. What color gamut does the screen display? Is it rec 709?

Answer: It is Rec 709.

35. Is there any support for Luts?

Answer: No, coming with next generation.

36. Can any HDR or log formats be displayed?

Answer: No, coming with next generation.

37. What are the routing points for the Tao?

Answer: TAO focuses on simple switching, encoding, recording and monitoring, and more and more mobile flexible.



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