Device interface

UVC IN : For receiving video signal from your phone or others

LANPoE : For up streaming

HDMI IN : For receiving video signal from your AI tracking camera

MIC : For Audio signal transmission

USB-C : Charge

USB 3.0 : For video signal transmission from your webcam

Reset : For recharging

HDMI OUT : For video signal transmission

In the Box
TAO 1 mini-HN
Micro HDMI Cable
USB-C Cable
International Socket Adapters

Order Codes
490 551015 0 TAO 1 mini-HN

Interface
Input
HDMI 1.3
UVC
Audio Input
1×3.5mm audio socket
Communication
USB 3.0
Power
Type-C
Type-C

Performance
HDMI IN : Input resolution
HDMI 1.3:
1080p@50/60, 1080i@50/60, 1080p@30/50/60, 1280×720@50/60, 1280×768@60, 1280×1024@60, 1360×768@60, 1920×1080@50/60, 1024×768@60, 1280×720@50/60, 1280×768@60, 1280×1024@60, 1360×768@60, 1920×1080@24/25/30/50/60

Audio
410-5513-05-3
720×480@30, 1280×720@30

Output resolution
Audio

Format
MJPEG/YUV | H.264 | H.265

Bit depth
8 bit/10 bit

Pixel format
BT.601 | BT.709

Image delay
3 frames

Audio delay setting
0-160ms

Maximum input level
+6dBV

MIC/LINE

LAN
Coding performance
Support MJPEG/H.264/H.265

Speed mode
CBR, VBR, FIXQP, AVBR, QPMAP

NDI coding
FULL NDI, 2K@60

NDI decoding
FULL NDI, 2K@60

RTMP/SRT coding
Support streaming software

Maximum output speed
125Mbps

HDMI OUT : Output resolution
720×480@50/60, 1080i@50/60, 1080p@30/50/60, 1280×720@50/60, 1280×768@60, 1280×1024@60, 1360×768@60, 1920×1080@50/60

Audio
Embedded audio output

Power
Mode
Full RD
Input voltage
5-12V
Maximum power
10W

Temperature
0℃~55℃
Humidity
5%~85%

Physical
Product Weight
80g
Package Weight
90g
Product Dimension
215mm x 145mm x 80mm
Package Dimension
315mm x 168mm x 80mm

Working Environment
Temperature
0℃~55℃
Humidity
5%~85%

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Proudly designed and manufactured in Xiamen-IT Technology Zone, China
NDI® is the abbreviation of Network Device Interface, which is a broadcast-quality, low-latency open IP network interface protocol launched by NewTek. As the world’s leading network audio and video codec technology, NDI® is favored by more and more professional audio and video technicians. TAO 1mini-HN supports HDMI&UVC and FULL NDI® gigabit Ethernet video stream codecs for encoding and decoding. Round appearance, simple and elegant, easy to carry, and standard camera screw holes, can be easily installed to the camera bracket. The device has a 2.1-inch TFT touch screen for real-time monitoring of signals and menu operations. Support tally lights, support U disk recording, support PoE and other functions.

Why choose NDI?

- **Compact in form**
- **Up to 2K FHD**
- **RTMP/RTMPS protocols**
- **Low latency**
- **Live previews & recording**
- **Power from USB-C PD**
- **Power via PoE**
- **LED TALLY indicators**
- **Dual ¼in mounts**
- **Stream to at least 4 platforms via TAO APP**

Professional IP production equipment

- **Low loss**
- **Low latency**
- **More stable**

**NDI® X NDI|HX Codec integration**

TAO 1mini-HN not only supports 2K Full NDI but also NDI|HX, it is an all-in-one codec machine.

**Multi-platform live streaming**

TAO 1mini-HN can not only convert 2K HDMI/UVC signals into NDI/RTMP/SRT, but also a network push streaming device that can realize simultaneous live broadcast of 4 platforms.

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At the same time, it supports Power over Ethernet (PoE), PD input, and can use a mobile power supply to power the device. Only one network cable can realize power supply and network transmission.

**Easy to install**

TAO 1mini-HN has double rack screw holes, allowing you to enjoy a variety of installation experiences according to different scenarios.

**Portable and stable**

Exquisite and portable, it has a built-in ultra-thick large-diameter cooling fan to help cool the device.

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