TAO 1pro-S

Key Features

- NDI encoder and decoder
- 5.5 inch HD touch screen for operation
- Asynchronous rotation of main screen and HDMI output
- 2*UVC inputs, 1*HDMI 1.3 input, 1*SDI input and 1*HDMI 2.0 output
- Sound column
- Type-C interface for charging, support PD protocol
- Compatible with SONY NF970 and Panasonic AG-VBR59MC standard battery socket (no battery install for standard version)

Application

- USB 3.0
- 2*UVC inputs
- 1*HDMI 1.3 input
- 1*SDI input
- 1*HDMI 2.0 output

Sound column

Type-C interface for charging

Compatible with SONY NF970 and Panasonic AG-VBR59MC standard battery socket

Order Codes

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>410-5513-01-1</td>
<td>TAO 1pro-S</td>
</tr>
<tr>
<td>490-5513-01-0</td>
<td>TAO 1pro lithium battery(optional)</td>
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</tbody>
</table>

Specifications are correct at time of printing and subject to change or alteration without notice.
## Specification

### Connectors

<table>
<thead>
<tr>
<th>Input</th>
<th>HDMI 1.3</th>
<th>1×HDMI-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDI</td>
<td>1×BNC</td>
<td></td>
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<tr>
<td>USB 3.0</td>
<td>2×USB-A</td>
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<tr>
<td>Output</td>
<td>HDMI 2.0</td>
<td>1×HDMI-A</td>
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<tr>
<td>Record</td>
<td>USB 2.0</td>
<td>1×USB-A</td>
</tr>
<tr>
<td>Audio</td>
<td>In</td>
<td>1×3.5mm Audio Jack</td>
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<tr>
<td></td>
<td>Out</td>
<td>1×3.5mm Audio Jack</td>
</tr>
<tr>
<td>Audio</td>
<td>In</td>
<td>3.5mm Audio Jack</td>
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<tr>
<td>Communication</td>
<td>LAN</td>
<td>1×RJ45</td>
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</table>

### Performance

#### Input Resolutions

<table>
<thead>
<tr>
<th>SMPTE</th>
<th>720p@50/60</th>
<th>1080p@23/24/60</th>
</tr>
</thead>
<tbody>
<tr>
<td>VESA</td>
<td>1024×768@60</td>
<td>1280×720@60</td>
</tr>
<tr>
<td></td>
<td>1280×800@60</td>
<td>1280×1024@60</td>
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<td></td>
<td>1360×768@60</td>
<td>1600×1200@60</td>
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<tr>
<td></td>
<td>1680×1050@60</td>
<td>1920×1080@60</td>
</tr>
</tbody>
</table>

#### Output Resolutions

<table>
<thead>
<tr>
<th>SMPTE</th>
<th>720p@50/60</th>
<th>1080p@24/25/50/60</th>
<th>2160p@60</th>
</tr>
</thead>
<tbody>
<tr>
<td>VESA</td>
<td>1024×768@60</td>
<td>1280×720@50/60</td>
<td>1280×800@60</td>
</tr>
<tr>
<td></td>
<td>1280×1024@60</td>
<td>1360×768@60</td>
<td>1920×1080@50/60</td>
</tr>
<tr>
<td></td>
<td>3840×2160@60</td>
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</tbody>
</table>

#### Supported Standard

<table>
<thead>
<tr>
<th>HDMI</th>
<th>1.3(Input)</th>
<th>2.0(Output)</th>
</tr>
</thead>
</table>

### Screen Feature

#### Screen Dimension

5.5” TFT

#### Resolution

1080×1920 pixels

#### Dot Pitch

0.063(H)×0.021(W)(mm)

#### Aspect Ratio

16:9

#### Brightness

450cd/m²

#### Contrast

1000:1

#### Backlight

LED

#### View Angle

80°/80°(L/R)80°/80°(U/D)

### Power

#### Input Voltage

9V/2A

#### Max Power

18W

### Environment

#### Temperature

0°C~55°C

#### Humidity

5%~85%

### Physical

#### Weight

Net: 350g(without battery); 882g(with battery)

Package: 770g

#### Dimension

Net: 161mm×106mm×36mm

Package: 255mm×145mm×85mm

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*1. i signal input and output are not supported;
*2. Reboot is required for signal format modification;
*3. Delay of decoding and encoding is affected by the network.

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