**TR3 consists of three functions: TYPEC DP wireless transmitter function, TYPEA USB wireless transmitter function and TYPEC USB camera wireless receiver function.**

| TYPEC DP Technical specifications of wireless transmitter function | |
|---|---|
| Interface | TYPEC DP   X 1<br><br>Audio and video signals are input through this interface |
| Supported devices | Not limited to PCs and operating systems, all devices with TYPEC DP video output, including computers, tablets, phones, etc. |
| Whether to install software | No, no software<br><br>Hardware implements audio and video data acquisition, coding and transmission |
| Video input resolution | 3840X2160,2560x1600,1920x1200,1920x1080, 1366x768, 1280x800,1280x720, 1024x768 |
| Coding resolution/frame rate | Up to 3840 x 2160 P30 |
| Coded format | H.265, H.264 |
| Audio input format | 44.1KHz/48KHz/16bit PCM, stereo |
| **TYPEA USB Technical specifications of wireless transmitter function** | |
| Interface | TYPEA USB X 1<br><br>The encoded audio and video signals are input through this interface |

| | |
|---|---|
| Supported devices | Windows 7/8.1/10/11 32 and 64-bit<br><br>MAC OS X 10.10/10.11/10.12/10.13 and above |
| Whether software needs to be installed | No, PC software does not need to be installed, insert the transmitter and run automatically.<br><br>(PC needs to be manually clicked to run the first time it is inserted into the transmitter) |
| Coding resolution/frame rate | Up to 1920x1080P30 |
| Coded format | H.264 |
| Audio input format | 44.1KHz/48KHz/16bit PCM, stereo |

**TYPEC USB Camera wireless receiver function technical specifications**

| | |
|---|---|
| Interface | TYPEC USB  X 1<br><br>The USB camera signal is output through this interface |
| Supported devices | Windows Computer and MAC computer |
| Whether to install software | No, standard UVC&UAC interface |
| Supported video conferencing software | Zoom, Microsoft Teams, Google Meet, etc |
| Supported playback software | The camera app comes with Windows 10/11<br><br>The MAC computer system comes with the QuickTime application<br><br>And third-party software such as PotPlayer and OBS |
| UVC bitstream resolution | 1920X1080, 1280x720 |
| UVC bitstream format and frame rate | MJPEG, 30 frames per second |

| UAC audio frequency | Mono/dual, 8 to 48KHz |
|---|---|
| **F21 S U Hardware technical specifications** | |
| Interface | TYPEC&TYPEA 2-in-1 X 1<br><br>Power supply, pairing, upgrade and touch control are<br><br>performed through this interface |
| Antenna | 2T2R, built-in onboard antenna |
| Wireless connection | Shanghai Electric automatically runs, automatically<br><br>connects to WiFi, and shares with one click<br>It has its own WiFi, so you dont need to use your computers<br><br>WiFi |
| Wireless transmission<br>protocol | IEEE 802.11ac/802.11n |
| Wireless transmission<br>distance | Up to 3 0 m line of sight (the actual distance is also related<br><br>to the antenna at the receiving end) |
| Wireless transmission<br>frequency band | 5G and 2.4G |
| Wireless encryption<br>protocol | WPA2-PSK |
| Connect time | From the time of power on to the time when the screen can<br><br>be projected is less than 13 seconds |
| Transmission delay | The average delay is less than 150ms |
| Reverse control mode | Supports WIN computer touch 1 0 point reverse control<br><br>Supports touch single point control on MAC computers<br><br>(supported when TYPEA USB is projected) |

| | |
|---|---|
| Power supply/power consumption | 5V/1A |
| | TYPEC DP 4K The average power consumption is 3.0 W when the screen is projected |
| | TYPEA USB 2K The average power consumption is 1.8W when the screen is projected |
| Size | 6 4 mm x 6 3 mm x 16mm (excluding wiring length) |
| Temperature range | Operation: +5°C ~ +40°C; storage: -20°C ~ +60°C |
| Humidity range | Operation and storage: 0 ~ 90% relative humidity, no condensation |