▶ Feature:

1.FT-MSHT80 is a multifunctional high-definition seamless hybrid matrix, with an 80-input and 80-output design, which increases the audio analysis, transmission, distribution, and switching functions. It adopts the design concept of key-type management. All signal input and output cards adopt a one-card four-way method, which gives users the maximum flexibility in configuration. It is equipped with signal resolution adjustment and signal type selection adjustment functions. This matrix adopts electromagnetic protection design, which can effectively shield electromagnetic interference from the surrounding environment, so that the equipment can operate stably. It supports 7*24 hours of uninterrupted operation; it has network and RS232 communication interface control, which can be conveniently used with various remote control devices such as personal computers and central control systems

2.Modular design, the device adopts a one-card four-way design, which can support CVBS/VGA/YPBPR/DVI/HDMI/HDSDI/3GSDI/

3.Mixed input and output of HDBaseT/Fiber signals

4.Support fast and seamless switching of various signals, and there is no black screen, blue screen, or broken screen during the switching process

5.Powerful signal exchange processing capability, using a quad-core quad-link core chip up to 32 Gbps processing rate; professional radio and television light button design, which can switch, set and other functions of the product

6.Support HDCP analysis

7.Support 4K60 signal output

8.Support the analysis, distribution and switching of stereo audio of various video signals

9.Support the transmission and switching of 4K digital high-definition video signals

10.Support 3D image frequency doubling repair, adjacent pixel re-reading processing and 3D de-interlacing processing functions for image repair function

11.Support down-scaling processing, adjacent pixel repair processing and blur processing to achieve image down-scaling processing function

12.Support dual network, dual control backup, dual power backup function, and realize large-scale integrated network management function

13.Support video signal interface card plug-and-play function

14.Support automatic storage protection in power-off scene and automatic memory recovery function at startup

15.Support network conversion and transmission function of HDBaseT high-definition video signal, with a transmission distance of 70/100 meters and network input

16.Output transmission bandwidth rate is up to 10 Gbps

17.Supports fiber transmission distance from 550 meters to 10 kilometers, up to 80 kilometers

18.Built-in powerful WEB server, can realize network remote management and control

19.Support powerful network centralized control function, a single control interface can control up to 254 devices

20.Support simple splicing function

21.Support overvoltage, overcurrent, overheating and overload protection to reduce the probability of equipment damage

22.Support output picture still frame function

23.Support 7-inch true color touch screen, can switch and control the device

▶ Specification:

Number of input cards that can be connected	20 pieces
Number of output cards that can be connected	20 pieces
Board interface	one card four-way
Input board	interface board, support HDMI, DVI, 3GSDI, VGA, YPBPR, CVBS, network, fiber input
Output board	interface board, support HDMI , DVI, 3GSDI, VGA, YPBPR, CVBS, network, fiber output
Protocol	Support HDMI2.0 and DVI1.0 protocols, support HDCP2.2 protocol and EDID function
7.3 Color space	Support RGB444, YUV444, YUV422 color space, support x.v.Color extended color gamut standard
Resolution	640×480---1920×1200@60Hz (VESA standard), 480i---4K60Hz (HDTV standard)
Data rate	12.5Gbps
Transmission distance	70m (category 6 network cable), 300m (multi-mode optical fiber), 2Km (single-mode optical fiber), 25m (digital cable) 30m (analog cable)
Control method	broadcasting-level switch button, dual RS232+LAN etc. control methods
Dimensions	486*390*711(mm) (16U)
Weight	28KG (without board)
Power consumption	180W (without board)
Power supply	AC 180V-240V 50/60HZ power input
Operating temperature	-10℃ - 50℃
Storage temperature	-25℃ - 55℃