

DT-HDA8
8K HDMI to D-A Fiber
Optic Cable

Please read the product manual carefully before using the product.

I. Product Overview

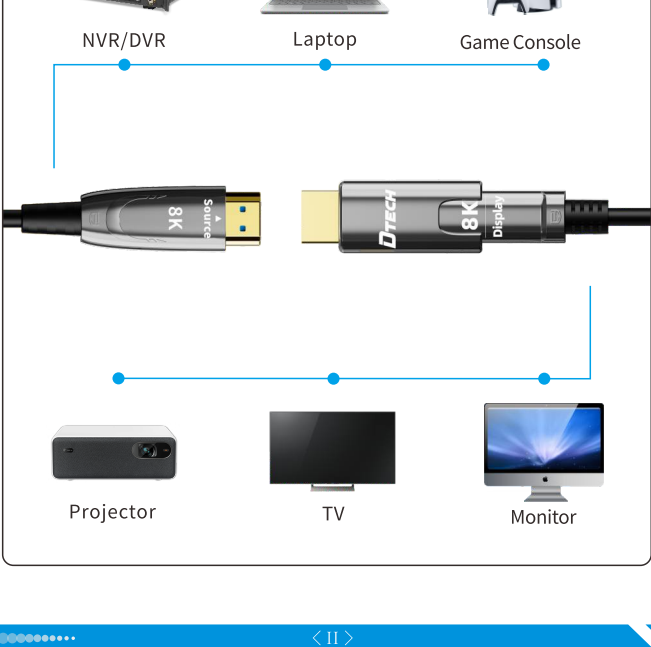
This product not only transmits ultra-high-definition video signals but also addresses signal transmission distance challenges. Using optical fiber for video signal transmission, it is resistant to electromagnetic and radio frequency interference. As an HDMI cable solution for point-to-point transmission in audio and video interconnects, it has evolved from standard copper-based HDMI to optical-electrical hybrid HDMI and finally to pure optical fiber HDMI. Transmission bandwidth has also increased exponentially with device upgrades, supporting resolutions from 2K or 1080p to ultra-high-definition 4K and 8K, as well as refresh rates from 30Hz, 60Hz, to ultra-high refresh rates exceeding 120Hz. In addition to meeting basic 8K transmission performance and system compatibility, the 8K transmission distance has been extended to up to 200 meters, making HDMI products increasingly popular in home, commercial, and industrial scenarios. It also complements and seamlessly integrates with other transmission solutions, such as network transmission equipment, optical transmission equipment, and wireless transmission equipment.

II. Function Parameters

- 1. HDMI supports 8K@60Hz and HDMI 2.1.
- 2. Utilizes an optical-to-electrical conversion chip for lossless conversion and output of ultra-high-definition video signals.
- 3. Complies with HDCP 2.3 and supports 48Gbps transmission rates.
- 4. High video resolution: 8K@60Hz 4:4:4 10-bit, 8K@30Hz 4:4:4 10-bit, and 4K@240Hz 4:4:4 10-bit.
- 5. 8/10/12-bit color space, with color depths of RGB, YCbCr 4:4:4/4:2:2, and YUV 4:2:0.
- 6. Supports HDR, HDR10, HDR10+, Dolby Vision, and HLG pass-through.
- 7. Supported HDMI audio formats: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, and DSD.
- 8. Uses optical/electrical composite cables to effectively prevent various external interferences.

- 9. The HDMI-A port connects to signal sources such as computers, Blu-ray discs, and PS4 game consoles, while the HDMI D-A port connects to display devices such as TVs or projectors.
- 10. The HDMI D-A port is conduit-compatible, making it easier to run cables through conduit.

III. Product Connection Diagram



IV. Product Accessories

- 1. One product.

V. Product Usage Requirements

- Check that the image resolution is set correctly for the signal source. For computers, go to Display > Settings in Windows. For other video sources, consult your system manual to adjust the video resolution. Restart your system. Disconnect the optical HDMI cable if necessary.
- Plug the "HDMI Source" connector of the DTECH cable directly into the HDMI output port of the video source (DVD, Blu-ray, game console, etc.). Make sure the cable is securely plugged in. Plug the "HDMI Display" connector of the DTECH cable into the HDMI input port of the display (HDTV, LCD screen, projector, etc.). Make sure the cable is securely plugged in.
- Turn on the power to both the signal source and the display. Note: Do not connect any intermediate cables or adapters between them, as this may degrade signal transmission performance.

VI. Precautions

- Before cleaning, unplug this product from the signal source. Do not use liquid or aerosol cleaners. Use only a damp cloth.
- Keep away from wet, magnetic, and flammable surfaces or materials.
- Do not place any heavy objects or equipment on top of the device.
- If you encounter any product quality issues, please consult our after-sales department first. Non-professionals are not allowed to disassemble the casing without authorization to avoid damage to the product.

Product Warranty Card

Customer Information

Model:	
Date of purchase:	
User telephone:	
User address:	
Distributor:	
Agency address:	
User telephone:	Dealer stamp valid

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

Electronic products are guaranteed for one year, and other products are guaranteed for two years. Damage caused by human factors or product burnout caused by improper operation is not included in the scope of warranty.