

ABSTRACT

The present application provides a data transmission device and a method of transmitting data. The data transmission device includes a TypeC interface, where the TypeC interface is capable of directly obtaining the media data in DP protocol format
5 which is output by a terminal device. In a DP (Display Port) working mode, the terminal device can transmit the media content containing video data and audio data to the data transmission device, without installing a specific driver. When the TypeC interface of the data transmission device is inserted into the terminal device, the data transmission device automatically obtains the media content presented on the terminal
10 device, and transmits the media content into the communication network via the TypeC interface, thereby implementing the screen transmission, without installing the driver, to other network nodes of the communication network for displaying. Compared with transferring the compressed and encoded data to the wireless module by using the USB interface in the current technologies, embodiments of the present
15 application have benefits of driver-free screen transmission, shortening the preparation time for screen transmission and avoiding consuming resources of the terminal device.