CLAIMS

1. A smart broadcast device for payment transmission, the smart broadcast device comprising:

a device body, wherein the device body comprises a first surface that is configured to display a payment graphic code and a lower surface that is configured to display an identifier of the smart broadcast device, wherein the first surface and the lower surface define an included angle between the first surface and the lower surface;

a communication module, installed inside the device body, configured to communicate with a payment system outside the smart broadcast device over a wireless link and/or a wired link and to receive a trigger signal from the payment system, the trigger signal being associated with the payment graphic code;

a processing module, installed inside the device body, electrically connected to the communication module and configured to process the trigger signal received by the communication module to generate a payment result audio signal; and

a speaker, installed inside the device body, electrically connected to the processing module and configured to output a payment result audio in response to receiving the payment result audio signal from the processing module,

wherein the processing module is further configured to query a binding status between the smart broadcast device and a merchant account associated with the payment graphic code.

2. The smart broadcast device according to claim 1, wherein the first surface comprises a display screen, configured to display the payment graphic code.

3. The smart broadcast device according to claim 1, wherein a code layer of the payment graphic code is attached to the first surface.

4. The smart broadcast device according to claim 1, wherein the included angle between the first surface and the lower surface is less than 90 degrees.

5. The smart broadcast device according to claim 4, wherein the included angle between the first surface and the lower surface is from 20 degrees to 70 degrees.

6. The smart broadcast device according to claim 1, wherein speaker holes of the speaker are distributed on the left and right sides of the payment graphic code on the first surface.

7. The smart broadcast device according to claim 1, further comprising:

a USB interface, installed on the device body and configured to output power to charge an end-user device.

8. The smart broadcast device according to claim 1, further comprising:

an LED status indicator, installed on the device body and configured to output a corresponding light prompt based on a light drive signal output by the processing module.

9. The smart broadcast device according to claim 1, further comprising a volume adjustment button configured to adjust a volume of the payment result audio.

10. The smart broadcast device according to claim 1, further comprising:

a Wi-Fi probe module, installed inside the device body and configured to detect end-user device information, wherein the processing module is further configured to encapsulate, according to a predetermined protocol, the end-user device information that is detected by the Wi-Fi module, and report the end-user device information by using the communication module.

11. The smart broadcast device according to claim 1, further comprising:

a near field communication (NFC) module, installed inside the device body and configured to: when detecting an end-user device with an NFC function, send information comprised in the payment graphic code to the end-user device by using an NFC technology.