PAYMENT CAPABILITY EXTENSION PROCESSING METHODS, APPARATUSES, AND DEVICES

ABSTRACT

This application discloses payment capability extension processing methods, apparatuses, and devices, and is applied to an external payment device configured for a cash register. The external payment device provides at least one extended payment mode that the cash register does not have. The method includes: determining whether the cash register is in a connected state; if yes, sending a state trigger instruction to the cash register by using an HID protocol, to trigger the cash register to open a console of the cash register to enter a command-input wait state; sending simulated keystroke information to the cash register by using the HID protocol, to trigger the cash register, in the command-input wait state, to have the simulated keystroke information automatically input and executed, and through the execution, enabling the cash register to obtain and install a payment capability extension program indicated by the simulated keystroke information; and interacting with the cash register based on the payment capability extension program to use a capability corresponding to the extended payment mode for the cash register.

FIG. 1