

ABSTRACT

METHOD AND DEVICE FOR UNMANNED RETAIL

The present invention provides a method and a device for unmanned retail. When a customer is located at an entrance of a shopping space, collecting a biological feature of the customer, and determining whether or not to open an entrance door according to the biological feature; after it is determined to open the entrance door, collecting behavior information of the customer during a shopping process, and determining whether an abnormal behavior occurs or not according to the behavior information; when the abnormal behavior occurs, broadcasting warning information against the abnormal behavior; when a commodity settlement needs to be performed, obtaining image information and weight information of a to-be-settled commodity, and identifying the to-be-settled commodity according to the image information and the weight information to obtain commodity information of the to-be-settled commodity, generating a shopping list according to the obtained commodity information, displaying the shopping list, and identifying a payment confirmation gesture of the customer to complete the commodity settlement; and after the commodity settlement is completed, controlling an exit door to be opened to let the customer leave. In this way, the entire shopping process can be completed without staff, thus reducing labor cost, and improving the customer's shopping experience.

Figure 1