

ABSTRACT

The present disclosure provides a method and a system of performing security inspection of human body based on millimeter-wave. The method includes: displaying, by a first display device, information related to a designated posture to a person to be inspected before the person to be inspected enters an inspection channel defined by a millimeter-wave human body security inspection instrument, wherein the designated posture is expected to be taken by the person to be inspected when scanning the person to be inspected with the millimeter-wave human body security inspection instrument; guiding the person to be inspected to enter the inspection channel and stand at a designated standing position within the inspection channel in a standing posture substantially complying with the designated posture; scanning, by the millimeter-wave human body security inspection instrument, the person to be inspected, to obtain millimeter-wave scanning data of the person to be inspected; and performing, by a workstation, a reconstruction of millimeter-wave scanning image of the person to be inspected, a confirmation for the standing posture of the person to be inspected, and a recognition of a suspected item of the person to be inspected, based on the millimeter-wave scanning data.