

Abstract

A card authentication is performed. An authentication chip for performing authentication by a copy-disabled hologram chip is attached to a card and when or after the card is introduced into a handling device, the authentication chip information is read to perform authentication. Read may be performed in a planar shape but a linear shape can reduce the processing load. An arbitrary straight line or a curved line may be used as a read line shape by modifying the read position in association with the card movement when the card is placed to be read. When the card introduced to a terminal device is an unauthorized one, the card is ejected or an alarm is issued when the card is introduced inside.